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ELIZABETHTOWN COLLEGE BULLETIN

1950 1951

ELIZABETHTOWN

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ELIZABETHTOWN, PENNAL

PENNSYLVANIA



CALENDAR

1950

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Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-first Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1949-1950

Announcement of Courses 1950-1951

Vol. XXXVI

April, 1950

No. 4

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1950

Summer Sessions-1950

MAY JUNE JUNE JULY JULY JULY AUGUST JULY AUGUST	31 17 19 4 29 31 19 31 to 12	Wednesday, 8:00 A. M. Intersession Begins Saturday, 12 M. Intersession Ends Monday, 8:00 A. M. Summer Session Begins Tuesday Independence Day—(No Classes) Saturday, 12 M. Summer Session Ends Monday, 8:00 A. M. Post Session Begins Saturday, 12 M. Post Session Begins Saturday, 12 M. Post Session Ends Bethany Biblical Seminary Extension Session
		Academic Year 1950-1951
SEPTEMBER SEPTEMBER SEPTEMBER SEPTEMBER OCTOBER NOVEMBER NOVEMBER DECEMBER JANUARY JANUARY JANUARY JANUARY MARCH MAY MAY MAY	19 20 21 22 23 28 13-17 22 27 15 2 17-26 29 30 22 26 16-25 26 27	Thursday-Monday.Freshman OrientationTuesday.Freshmen RegistrationWednesdayUpperclassmen RegistrationThursday, 7: 40 A. MClasses BeginFriday, 9: 30 A. MConvocation ExercisesSaturday.College Charter DaySaturday.Spiritual Emphasis WeekWednesday, 5: 00 A. MThanksgiving Recess BeginsMonday, 7: 40 A. MClasses ResumeFriday, 5: 00 P. MChristmas Recess BeginsTuesday, 7: 40 A. MClasses ResumeWednesday-Friday.Semester ExaminationsMonday, 8: 30 A. MRegistration Second SemesterTuesday, 7: 40 A. MClasses BeginThursday, 5: 00 P. MFaster Recess BeginsThursday, 5: 00 P. MFaster Recess BeginsMonday, 7: 40 A. MClasses ResumeWednesday-Friday.Semester ExaminationsSaturday.Semester ExaminationsSaturday.Alumni DaySunday.Baccalaureate Services
May	28	Monday, 10:00 A. M
		Summer Sessions—1951
MAY	29	Tuesday, 8:00 A.M
JUNE	16 18	Saturday, 12 M
June July	4	Wednesday
TULY	28	Saturday, 12 M
JULY	30	Monday, 8:00 A.M. Post Session Begins
August	18	Saturday, 12 M Post Session Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899 Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900 for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921 to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On Friday, May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council of Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- a. That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, the healing arts, in the ministry, or in homemaking.
- b. That a man can give his best only when he keeps his mind as the master of his body.

- c. That a clean body, a clear mind devoted to a high purpose are basic requirements for a Christian life.
- d. That life in college calls for hard work and firmness of purpose.
- e. That a college education is regarded not only as "preparation for life" but as life.
- f. That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions, and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man, and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic liquor is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

Elizabethtown College is located in Elizabethtown, Pennsylvania, a prosperous town of about 5,500 inhabitants in the northern part of fertile Lancaster County, aptly styled the "Garden Spot of the World." The town is a busy, growing place with numerous prosperous industries. The main line of the Pennsylvania Railroad, connecting New York and Chicago by the way of Lancaster and Philadelphia, passes through the town.

Elizabethtown has direct bus connections with Lancaster and Harrisburg. Furthermore, Elizabethtown is located on the main highway connecting the State Capital and Philadelphia through Lancaster. It is situated equidistant from four county seats, Harrisburg, Lancaster, York, and Lebanon. Auto bus lines connect Elizabethtown with the large cities in the eastern part of the United States.

The town is near the Conewago Hills. Its landscape is most charming, and its hills, on one of which the College is located, are beautiful. These features have attracted to this locality the widely-known Masonic Homes, the Patton Trade School, and the Hospital for Crippled Children.

The gorgeous sunsets on the western horizon will ever live in the memory of those who have attended Elizabethtown College. Several miles west of Elizabethtown flows the Susquehanna River, a lordly stream winding among verdant hills.

Trustees of Elizabethtown College

Eastern Pennsylvania

Term

Expires December 31

1950 J. W. KetteringElizabethtown, Pa.
1951 Rufus P. BucherQuarryville, Pa.
1951 Norman K. Musser
1951 Ray A. Kurtz
1952 Rufus P. RoverEphrata, Pa.
1952 Howard A. Merkey
Southern Pennsylvania
1950 N. S. SellersLineboro, Md.
1950 G. Howard Danner
1951 Chester H. Royer
1952 Jacob L. Miller
From Alumni Association
1950 Norman F. Reber
1952 Rufus K. Eby
Nominated by the Board of Trustees
1950 Joseph N. CasselFairview Village, Pa.
1950 John F. Sprenkel
1951 J. Linwood Eisenberg Shippensburg, Pa.
1951 Samuel S. WengerLancaster, Pa.
1951 Philip R. Markley
1952 Paul M. Grubb
1952 Jacob K. GarmanElizabethtown, Pa. 1952 J. Aldus RinehartWest Englewood, N. L.
1952 J. Aldus Rinehart
by virtue of his office.
The Board holds two regular meetings each year, the one on the
afternoon of Commencement Day, and the second on Saturday, October 7.
Executive Committee
Rufus P. Bucher
J. L. MILLER J. W. KETTERING JOHN M. MILLER J. LINWOOD EISENBERG SAMUEL S. WENGER
Finance Committee
N. K. Musser K. Ezra Bucher J. W. Kettering F. S. Carper John F. Sprenkel
Equipment Committee
K. EZRA BUCHER RUFUS ROYER PAUL M. GRUBB JACOB K. GARMAN S. CLYDE WEAVER The Chairman of the Board is member ex-officio of all committees.
Officers of the Board
Chairman, R. P. Bucher Secretary, J. W. Kettering Vice-Chairman, J. L. Miller Treasurer, K. Ezra Bucher
[7]

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College; A.B., Elizabethtown College; B.S., Franklin and Marshall College; M.S., University of Pennsylvania; Graduate Student, Columbia University; Ph.D., New York University; LL.D., Franklin and Marshall College.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizahethtown College; Ed.M., Temple University; Ed.D., Temple University; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College; Student, Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

AB., Ursinus College; A.M., University of Pennsylvania; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizahethtown College; Art Student, Alhright College and Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College; Graduate Eastman Business College; A.B., Juniata College; A.M., Columbia University; Graduate Student, Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizahethtown College; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabethtown College; A.B., Ursinus College; A.M., Ursinus College; Litt.D., Ursinus College; Student, Bethany Biblical Seminary; Completed Ph.D., residence requirements, Columbia University; Graduate Student, University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh; M.S., University of Pittsburgh; Ph.D., University of Pittsburgh.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Pennsylvania State College.

FREDERICK C. NEUMANN

Professor of Languages

Ph.D., (Language) University of Vienna; Ph.D., (Political Science) University of Vienna; Graduate Student, University of Prague, University of Bristol and University of Richmond.

ELMER B. HOOVER

Associate Professor of Education

B.S., Juniata College; M.Ed., Pennsylvania State College; Graduate Student, Pennsylvania State College.

GALEN C. KILHEFNER

Associate Professor of Sociology and Psychology

B.S., Elizabethtown College; Ed.M., Temple University; Graduate Student, University of Pennsylvania.

CARL E. HEILMAN

Associate Professor of Mathematics and Physics

A.B., Lebanon Valley College; A.M., Duke University; Graduate Student, University of Chicago, Syracuse University.

EPHRAIM GIBBEL MEYER

Assistant Professor of Music and Assistant Librarian

Pd.B., Elizabethtown College; A.B., Elizabethtown College; Graduate, Music Teachers' Course; Student, American Conversatory of Music, Chicago; A.M., Columbia University; Diploma, Teacher of Public School Music, Columbia University.

VERA R. HACKMAN

Dean of Women and Assistant Professor of English

A.B., Elizabethtown College; A.M., Columbia University; Graduate Student, Columbia University.

K. EZRA BUCHER

Treasurer and Business Manager, Assistant Professor of Business Education

B.S., Elizabethtown College; Student, Lebanon Valley College; M.S., New York University.

MAHLON H. HELLERICH

Assistant Professor of History

A.B., Muhlenberg College; A.M., Columbia University; Graduate Student, Temple University and University of Pennsylvania.

M. ALICE SYLVESTER

Librarian

B.S., Towson State Teachers College; B.S.L., Columbia University.

EBY C. ESPENSHADE

Associate Director of Admissions and Alumni Secretary

B.S., Elizabethtown College; M.Ed., Pennsylvania State College; Graduate Student, Duke University.

ROBERT F. ESHLEMAN

Assistant Professor of Business Education and Sociology

B.S., Elizabethtown College; B.D., Bethany Biblical Seminary; M.S., University of Illinois; Ph.D., Cornell University.

Bessie D. Apgar

Assistant Professor of Biology

A.B., Muskingum College; M.S., University of Pittsburgh; Ph.D., University of Pennsylvania.

IRA R. HERR

Director of Athletics and Instructor in Physical Education

A.B., Franklin and Marshall College; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

W. DAVID ALBRIGHT

Instructor in Music

A.B., McPherson College; Student, Bethany Biblical Seminary.

JOSEPH H. DODD

Instructor of Physical Education and Dean of Men B.S., Elizabethtown College.

FRANK S. KUGLE

Instructor in Business Education

B.S., Drexel Institute of Technology; C.P.A.

EMMA R. ENGLE

Instructor in English and Assistant Dcan of Women

A.B., Elizabethtown College; Graduate Student, Columbia University.

(To BE SUPPLIED)

Instructor in Bible

JOHN A. CAMPBELL

Instructor in Mathematics and Physics

A.B., Franklin and Marshall College; B.D., Lancaster Evangelical and Reformed Seminary; A.M., University of Wisconsin; Graduate Student, University of Pittsburgh.

KATHRYN HERR

Instructor in French

A.B., Lebanon Valley College; Graduate Student, French Institute of Pennsylvania State College and Temple University.

ELINOR B. NEUMANN

Instructor in German

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of the Orchestra

B.S. in Music, West Chester State Teachers' College.

HARRY M. BOOK

Part-time Instructor in Art

Millersville Normal School; A.B., Pennsylvania State College; M.A., Columbia University; Graduate Student, Grand Central School of Art, New York.

SAMUEL S. WENGER

Special Lecturer in Law

A.B., Elizabethtown College; A.M., Temple University; LL.B., Temple University; Member, Lancaster County Bar.

CHARLES E. WEAVER

Special Lecturer in Medical Laboratory Technique

B.S., Elizabethtown College; M.D., Hahnemann Medical College; Member, Lancaster General Hospital Staff.

EDWIN E. ZIEGLER

Special Lecturer in Laboratory Technology

A.B., George Washington University; M.D., George Washington University.

GEORGE J. HEID

Special Lecturer in Laboratory Technology

B.S., University of Pittsburgh; M.D., University of Pittsburgh.

Officers of Administration

A. C. BAUGHER, A.B., B.S., M.S., PH.D., LL.D., President of the College

HENRY B. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. EZRA BUCHER, B.S., M.S Treasurer and Business Manager
VERA R. HACKMAN, A.B., A.M
EBY C. ESPENSHADE, B.S., Ed.M
Associate Director of Admissions
(To Be Appointed)
NEVIN H. ZUCK, A.B., B.D., S.T.M College Pastor
ELMER B. HOOVER, B.S., M.Ed Director of Religious Activities
M. Alice Sylvester, B.S., B.L.S Librarian
JOSEPH H. DODD, B.S
EMMA R. ENGLE, A.B
CARRIE W. Ellis Assistant Dean of Women
ROBERT F. NATION, B.SBookkeeper
LILLIAN E. WANNER, B.S Sccretary to the President
RUTII ZIMMERLY, B.S
BEULAH BARNTHOUSE, B.S Secretary, Alumni Office
VIRGINIA G. HIXSONSecretary to the Treasurer
Lois J. Wilson Student Nurse
Delores J. Olinger
•

Administration—A. C. Baugher, Henry G. Bucher, K. Ezra Bucher Admissions and Personnel—Henry G. Bucher, Charles S. Apgar, Vera Hackman, Galen C. Kilhefner, Eby C. Espenshade, Frank S. Kugle

Housing—K. E. Bucher, Vera Hackman, Emma Engle, Joseph Dodd, Carrie Ellis

Religious Activities—Elmer B. Hoover, Nevin H. Zuck, Robert Eshleman, A. C. Baugher, W. David Albright

Social Activities-Vera HACKMAN, JOSEPH DODD, EMMA ENGLE

Placement—H. G. Bucher, Charles Apgar, Eby C. Espenshade, Elmer B. Hoover, Frank S. Kugle

Publications—Administrative Committee, Eby C. Espenshade, Vera Hackman

Lyceum—E. G. Meyer, K. E. Bucher, Mahlon Hellerich, Carl Heilman

Library—Alice Sylvester, R. W. Schlosser, Frederick Neumann Athletics—K. E. Bucher, Ira R. Herr, Joseph Dodd, Charles E. Weaver, Eby C. Espenshade, Vera Hackman, Emma Engle, Lois Wilson

Academic Regulations

Admission of Students

The Faculty Committee on Admissions and Curricula attempts to select from the complete list of applicants those students whose records of character, health, and scholarship give evidence of their equipment for college and indicate the greatest promise of their ability to profit by its advantages.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- Recommendations by the principal of the high school or secondary school.
- 3. Completion of a minimum of fifteen Carnegie units of secondary school work.
- 4. Those students who graduated from high school with any indications of deficiencies in scholarship will be admitted only after they have proved their scholastic aptitude through standard ability and achievement tests administered by the Committee on Admission and Curricula.

The minimum requirements for admission to the freshman class are:

English3 units	Science	unit
History and Social Studies2 units	Algebra1	unit
Language2 units		

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions and Curricula, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students whether freshmen or transfers from other institutions will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the Committee on Admissions and Curricula. A person seeking admission should write to the Dean of the College for an application blank.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

Fields of Interest*

Students may concentrate in the following fields:

- 1. Language and Literature English, German, French, Spanish, Latin
- 2. Sciences and Mathematics Biology, Chemistry, Mathematics
- 3. History and Social Science
 History, Sociology, Economics, Bible, Philosophy, Psychology
- 4. Education
 Elementary and Secondary
- 5. Business

Business Administration, Secretarial Science, Accounting, Business Education

^{*} All candidates for a degree must complete a minimum of six semester hours each in at least the first three fields.

Each student shall choose a field of interest not later than the beginning of the sophomore year, or in the freshman year by the permission of the Dean of the College. This program shall consist of twenty-four to thirty-six hours, according to the number of related courses. It shall be centered around a core subject with a minimum of eighteen hours and a maximum of thirty-six hours.

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his core subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the core, shall be three.

Majors for A.B. in Liberal Arts

English Major—English, twenty-four hours exclusive of English Composition.

History and Political Science—History and Political Science, twenty-four hours.

French—A major in French consists of twenty-four hours.

Spanish—A major in Spanish consists of twenty-four hours.

German—A major in German consists of twenty-four hours.

Bible and Philosophy—A major in this field consists of twenty-four hours.

Mathematics—A major consists of eighteen to twenty-four hours, depending upon the work covered in high school.

Sociology and Psychology—A major in these fields consists of eighteen hours and twelve hours respectively.

Majors for B.S. in Science

Biology Major—Twenty-four semester hours beyond Biology 10 a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—Twenty-four semester hours beyond Chemistry 10 a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours and six hours of Economics.

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select wisely his field of concentration. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Grades and Reports

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent: B, good; C, average; D, poor; F, failing; Wa, withdrawn from class with quality of work of passing grade; Wb, withdrawn from class with quality of work below passing grade; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes and F. The course must be repeated if credit for the course is desired.

When a five point deficiency occurs, the dean will call the student for a conference.

Upon a fifteen point deficiency, the student is warned that there must be improvement during the next semester.

Going beyond fifteen points in one semester's time after the second warning necessitates withdrawal.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality points.

In order to be eligible for graduation, students must have quality points equal in number to the semester hours required for the degree. Quality points are determined as follows:

Grade	Quality Points per s. h.
A	3
В	2
C	1
D	0
F	0

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of eight semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

Only grades earned at Elizabethtown College will be used in determining whether a student will be graduated with honors.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

For every 18 clock hours of absences from classes one semester hour of credit shall be deducted from the course in which the greatest number of absences has occurred.

Absences incurred on account of exigencies such as service, illness of the student, the death of a relative, duty away from college as an official representative of the institution, substitute teaching, or approved field trips, are counted at one-half the above rate.

Absences from chapel are counted at the same rate as classes absences.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The Faculty Committee on Admissions administers the regulations concerning absences.

All students are expected to attend religious services each Sunday in the church of their choice. Students are also urged to attend the regular midweek vespers conducted at the College and to participate in the many other types of religious activities.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary.

Basal:

English—Composition and Literature	8–12 S. H.
Philosophy	4- 6 S. H.

At least two of the following:

History of Philosophy	3 S. H.
Ethics	3 S. H.
History	4-6 S. H.
Psychology	2- 3 S. H.

At least one of the following:

Latin				
French German		12 16	C	U
German [· · ·	• • • • • • • • • • • • • • • • • • • •	12-10	ρ,	п.
Spanish				
Natural Science	es—Physical or Biological	4- 6	S.	H.
		4-6		

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English Major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Courses Required for the A.B. Degree in Liberal Arts

1		
Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education	2 2 3 3	3 2 2 3 3 2 1
Total	16	16
Sophomore Year		
English Literature Modern European History Language Economics or Sociology Science Electives*	2 3 4	3 2 3 4 2
Total	17	17
Junior Year		
Literature U. S. History Speech Electives* Bible Education* Economics History Language Sociology	3 2	2 3 11
Total	16	16
Senior Year		
Philosophy Ethics		3
American Government Electives* Bible Education* English History and Political Science Sociology		3 9–11
Total	15–17	15–17

^{*} Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

This course which leads to the degree, Bachelor of Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals.

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3- 6 S. H.
Adv. math., including algebra and trig	

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a one-year pre-engineering course. This permits students to study the fundamental subjects of the first year, such as English, biology, mathematics, physics, chemistry, language and history with the advantages of small classes and of personal contact with professors.

Affiliations with some of the leading engineering schools have been worked out so that students who take their freshman year at Elizabethtown College can usually complete their engineering course without extra time. Students should in each case ask the Dean to secure from the school which the student expects to enter full approval of his program of studies.

Pre-nursing

In this, as in all other science fields, the past decade has witnessed a strong trend toward broadening the preparation for nurses. The three-year regulation course of the hospital school admits high school students, but prefers women with at least some collegiate experience. In many cases the best positions in this profession are reserved for college graduates. A number of colleges now offer graduate training in nursing, following the bachelor's degree.

Students who can remain in college no longer than two years should follow the program given in the freshman and sophomore years in the B.S. in Science curriculum. Those able to complete four years as college undergraduates should conform generally to the pre-medical program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Laboratory Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of laboratory technology will be granted a B.S. degee upon the completion of the training program as outlined by an approved hospital. The College has affiliations with several hospitals on such a basis.

Courses Required for the B.S. Degree in Science

Freshman Ycar	Semeste 1st Sem.	r hours 2d Sem.
English Composition History of Civilization Language Chemistry Mathematics Psychology Physical Education	3 2 3 4 3 2 1	3 2 3 4 3 2 1
Total	18	18
Sophomore Year		
English Literature Mathematics Economics or Sociology Language Science Bible	3 3 3 4 2	3 3 3 4 2
Total	18	18
History of the U. S. Speech Science or Mathematics Physical Education Electives* Education* Language Mathematics Science Sociology	3 2 4-3 1 6	3 4–3 1 8
Total	15–16	15–16
Scnior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Electives* Education* History and Political Science Mathematics Science Sociology	3 2 7	3 3 3 6
Total	15	15

^{*} See footnote on page 21.

Requirements for the Degree of B.S. in Laboratory Technology

Freshman Year	Semest 1st Sem.	er hours 2d Sem.
English Composition General Psychology Chemistry* College Algebra	3 2 4 3	3 2 4
Trigonometry Bible Typewriting Physical Education	2 2 1	3 2 2 1
Total	17	17
Sophomore Year		
English Literature General Biology* Qualitative Analysis* Quantitative Analysis*	3 4 5	3 4 5
Physical Education Physics	1 4	1 4
Total	17	17
Junior Year	•	
History of the U. S. Introduction to Philosophy	3	3
Ethics Histology Bacteriology	4	3 4
Bible American Government Electives	2 5	3
Total	$\frac{3}{17}$	

Senior Year

The fourth year is to be completed in an accredited school of training in Laboratory Technology. Upon the completion of such a course and the successful passing of the examination for laboratory technologists the B.S. degree will be conferred by Elizabethtown College.

^{*} Students who can devote only two years to college study will be required to include the courses above marked with an asterisk.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School Business

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 s.h. including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.
Practice Teaching in the appropriate field	6 S. H.

Secondary E	ducation
Elementary 1	Education
Special Meth	ods
Hygiene	

Educational Measurements Educational Sociology History of Education Principles of Education

Visual Education

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements which he wishes to teach.

Course Requirements for the B.S. Degree in Education

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition Bible History of Civilization General Psychology Introduction to Education Physical Education *	3 2 2 2 1	3 2 2 3 1
Electives—Either A or B		
A. For Elementary Field * Public School Music Physical Science Teaching of Reading Teaching of Geography	2 3 3	2 3 3
B. For Secondary Field (any two subjects)		
Science Languages Mathematics	4 3 3	4 3 3
Total	16–18	17–18
Sophomore Year		
English Literature Bible Physical Education	3 2 1	3 2 1
Electives—Either A or B A. For Elementary Field		
Curriculum in Arithmetic	3	
Child Psychology Teaching of Health and Hygiene Teaching of Public School Art General Biology	2 2 4	3 2 2 4
B. For Secondary Field (elect from fields of interest)		
Modern European History Biology, Chemistry, or Physics Mathematics Languages Principles of Economics Sociology	2 4 3 3 3 3	2 4 3 3 3 3
Total	17	17

^{*}Students who elect the Elementary Field are required to take the courses as listed. They are not required to take Physical Education during the second semester of the Freshman year.

Junior Year	Semesto 1st Sem.	er hours 2d Sem.
History of the U. S. Educational Psychology Educational Measurements	3	3
Sociology Speech Visual Education	3	2 2
Electives—Either A or B		
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of English	3	2 2
Electives	5	3
B. For Secondary Field		
Methods in Secondary Education Others selected from field in which student expects to teach		3
Total	17	17
Senior Year		
History of Philosophy Ethics American Government History of Education	3	3 3 3
Electives—Either A or B A. For Elementary Field *		
Principles of Elementary Education	2 6	
B. For Secondary Field		
Principles of Secondary Education Practice Teaching	2 6 3	9
Total	14	18

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers courses as follows:

Four-year: Business Administration and Secretarial Science

Two-year: Secretarial and Medical Secretarial

The purpose of the curricula in Business is to provide a thorough and systematic training in the fundamentals of business, thus giving the student an intelligent understanding of business principles. No student is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural and humanitarian aspects of the world, as well as with science. Therefore, the curricula contain courses in liberal arts, in scientific subjects, and also courses which give adequate training in technical subjects.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

Since thorough training in fundamentals is the aim, no student may omit the foundation courses in economics, economic history, accounting, money and banking, corporation finance, and the like. While no student is allowed to devote his entire time to business subjects, every student has an opportunity, in the last three years, to concentrate his efforts in some special field of business.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in statistics are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, advertising, salesmanship, business organization and management, statistics, and the like. Training in merchandising calls for courses in marketing, merchandising, retailing, and advertising, as well as business law, English, and psychology.

Requirements for the Degree of B.S. in Business Administration

		er hours
Freshman Year	1st Sem.	2d Sem.
English Composition	3	3
Bible	2	2
Accounting	3	3
General Psychology	2	2
History of Civilization	2	2
Mathematics		3
Physical Education	1	1
Total	16	16
Sophomore Year		
Literature	3	3
Accounting	3	3
Science	4	4
Principles of Economics	3	3
Physical Education	i	i
Electives	3	3
Total	17	17
Junior Year		
History of the U. S.	3	3
Human and Economic Geography	3	3
Business Law	3	3
Speech	2	•
Accounting	3	
Bible		2
Electives	2	5
Total	16	16
Senior Year		
Introduction to Philosophy	3	
Ethics		3
Business Statistics	3	
American Government		3
Salesmanship		3
Electives	10	7
Total	16	16

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent commercial teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of commercial teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

This curriculum complies fully with the Pennsylvania State requirements for commercial teaching in secondary schools, and a Provisional College Certificate is granted by the State to graduates of this course.

The Pennsylvania State Department of Education will grant the Provisional College Certificate upon the completion of the following minimum number of hours in the subjects listed:

Bookkeeping and Accounting	12	S. H.
Commercial and Economic Geography	6	S. H.
Commercial Law	6	S. H.
Commercial Mathematics	3	S. H.
Office Practice	3	S. H.
Salesmanship	3	S. H.
Shorthand	9	S. H.
Typewriting	6	S. H.
Junior Business Training	3	S. H.
Economics		S. H.
Retail Selling	12	S. H.
Business English requires: (a) Twelve semester hours	s in	Eng-
lish, plus (b) not less than two semester hours in	Bu	sines s
English or Correspondence.		

Provisions to meet the professional requirements for a certificate to teach in the public schools of Pennsylvania and neighboring states are made through required courses in the different years and the opportunity to elect courses. See outline of requirements for Pennsylvania Certificate on page 28.

Requirements for the Degree of B.S. in Business Education

Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
English Composition General Psychology Accounting Shorthand* Typewriting* Mathematics of Business Introduction to Education Physical Education Total	$ \begin{array}{c} 3 \\ 2 \\ 3 \\ 3 \\ 2 \\ 3 \end{array} $ $ \frac{1}{17} $	$ \begin{array}{c} 3 \\ 2 \\ 3 \\ 3 \\ 2 \end{array} $ $ \begin{array}{c} 3 \\ 1 \\ \hline 17 \end{array} $
Sophomore Year		
English Literature Shorthand Accounting Typewriting Business Correspondence Secretarial and Office Practice Principles of Economics Physical Education Total	3 3 3 2 2 2 3 1	3 3 3 2 3 1
1 Otal	17	16
Junior Year		
History of the U. S. Human and Economic Geography Business Law Educational Psychology Methods of Business Education Science Speech Visual Education Total	3 3 3 3 4 2	3 3 3 4 2 ——————————————————————————————
2004	10	10
Senior Year		
Introduction to Philosophy Ethics Principles of Education Bible Practice Teaching American Government Electives	3 2 2 6 0	3 2 3 10
Total	13	18
	-	

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a deadening routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. The first two years may be so arranged with the proper choice of electives that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration or Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Foreign Language (Spanish recommended)	12 S. H.
Science	8 S. H.
Mathematics	6 S. H.
Business Administration	24 S. H.
History or Sociology	9 S.H.

Requirements for the Degree of B.S. in Secretarial Science

English Composition 3 3 General Psychology 2 2 Shorthand* 3 3 Typewriting* 2 2 Accounting 3 3 Mathematics of Business 3 3 Science 4 4 Physical Education 1 1 Total 18 18 Sophomore Vear English Literature 3 3 Bible 2 2 Scorectarrial and Office Practice 2 2 Scorectarrial and Office Practice 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 3 Total 17 17 Introduction of the U. S. 3 3 Human and Economic Geography 3 3 Business Law 3 3	Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
General Psychology 2 2 Shorthand * 3 3 Typewriting * 2 2 Accounting 3 3 Mathematics of Business 3 3 Science 4 4 Physical Education 1 1 Total 18 18 Sophomore Year English Literature 3 3 Bible 2 2 Secretarial and Office Practice 2 2 Shorthand 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 0 Total 17 17 Junior Year History of the U.S. 3 3 Human and Economic Geography 3 3 Bible 2 2 Speech 2 2 </td <td>English Composition</td> <td>2</td> <td>2</td>	English Composition	2	2
Shorthand* 3 3 3 7 2 2 2 2 Accounting 3			
Typewriting * 2 2 Accounting 3 Mathematics of Business 3 Science 4 4 Physical Education 1 1 Total 18 18 Sophomore Year English Literature 3 3 Bible 2 2 Secretarial and Office Practice 2 2 Shorthand 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 0 Total 17 17 Junior Year History of the U. S. 3 3 History of the U. S. 3 3 History of the U. S. 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Senior Year<			2
Accounting 3 Mathematics of Business 3 Science 4 4 Physical Education 1 1 Total 18 18 Sophomore Year English Literature 3 3 Bible 2 2 Secretarial and Office Practice 2 2 Shorthand 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 0 Junior Year History of the U. S. 3 3 History of the U. S. 3 3 Human and Economic Geography 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Speech E 2 2 Electives 4 <			3
Mathematics of Business 3 Science 4 4 Physical Education 1 1 Total 18 18 Sophomore Year English Literature 3 3 Bible 2 2 Secretarial and Office Practice 2 2 Shorthand 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 0 Junior Year History of the U. S. 3 3 Human and Economic Geography 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Senior Year Introduction to Philosophy 3 3 Ethics 3 3 American Government 3 3 American	Typewriting *	2	2
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English Literature 3 3 Bible 2 2 Secretarial and Office Practice 2 2 Shorthand 3 3 Typewriting 2 2 Business Correspondence 3 3 Principles of Economics 3 3 Physical Education 1 1 Electives 3 0 Total 17 17 Junior Year History of the U. S. 3 3 Human and Economic Geography 3 3 Business Law 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Senior Year Introduction to Philosophy 3 3 Ethics 3 3 American Government 3 3 Electives 13 10	Sophomore Year		
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Typewriting 2 Business Correspondence 3 Principles of Economics 3 Physical Education 1 Electives 3 Total 17 Introduction to Philosophy 3 Electives 4 Felectives 3 Senior Year Introduction to Philosophy 3 Ethics 3 American Government 3 Electives 13		3	
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Typewriting 2 Business Correspondence 3 Principles of Economics 3 Physical Education 1 Electives 3 Total 17 Introduction to Philosophy 3 Electives 4 Felectives 3 Senior Year Introduction to Philosophy 3 Ethics 3 American Government 3 Electives 13	Secretarial and Office Practice	2	2
Typewriting 2 Business Correspondence 3 Principles of Economics 3 Physical Education 1 Electives 3 Total 17 17 17 Junior Year History of the U. S. 3 3 Human and Economic Geography 3 3 Business Law 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Senior Year Introduction to Philosophy 3 Ethics 3 American Government 3 Electives 13 10	Shorthand	3	3
Business Correspondence 3 Principles of Economics 3 Physical Education 1 Electives 3 Total 17 Introduction to Philosophy 3 Electives 4 Senior Year Introduction to Philosophy 3 Ethics 3 American Government 3 Electives 13 10 10		_	-
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Physical Education 1 1 Electives 3 0 Total 17 17 Junior Year History of the U. S. 3 3 Human and Economic Geography 3 3 Business Law 3 3 Bible 2 2 Speech 2 2 Electives 4 6 Total 17 17 Senior Year Introduction to Philosophy 3 3 Ethics 3 3 American Government 3 3 Electives 13 10			
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Total 16 16	ratectives	13	10
	Total	16	16

^{*} Students who had had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

r t V	00	er hours
Freshman Year	1st Sem.	2d Sem.
English Composition	3	3
Elementary Shorthand *	3	3
Elementary Typewriting *	2	2
Mathematics of Business	3	
Introduction to Accounting		3
General Psychology	2	2
Bible	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Shorthand	3	3
Advanced Typewriting	2	
Intermediate Accounting	3	
Business Correspondence		3
Secretarial and Office Practice	2	2
Principles of Economics	3	3
Electives	2	4
Total	18	18

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

A heavily increasing demand for specially trained persons to act as secretaries for physicians, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. A suggested curriculum is as follows:

Freshman Year	Semeste 1st	er hours 2d
rresuman rear	Sem.	Sem.
English Composition	3	3
Shorthand *	3	3
Typewriting *	2	2
General Chemistry	4	4
Bible	2	2
General Biology	4	4
G •		
Total	18	18
Sophomore Ycar		
Secretarial and Office Practice	2	2
Advanced Typewriting	2	
Business Correspondence		3
Office Nursing Technique	3	
Office Laboratory Technique		3
Medical Terminology	2	
Medical Secretarial Science		2
Psychology	2	2
Bacteriology		4
Speech	2	
Physical Education	1	1
Suggested electives: Social Science, English, Psychology.	3	0
Total	17	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	3
Religious Education	
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession, a six-week Summer Session, and a three-week Post Session.

The Intersession and the Post Session are organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During each of these short sessions a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn twelve semester hours of credit toward a degree by attending the three sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening and Saturday classes are organized for persons who find it possible to carry on further preparation during their spare time. Such part-time campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. These courses may partake of the nature of any of the areas represented in the curricula presented in this catalog depending upon the demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

(To be supplied) and MISS MARTIN

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b The History of Christian Thought—A study of Christian thought from the second century to the present day, considering those religious leaders who have made outstanding contributions to the Christian tradition.

Three hours per week

3 credits

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week

2 credits

31b Apostolic Christianity—The establishment of the Christian Church and the spread of Christianity as found in the Acts of the Apostles and in the Epistles are studied.

Two hours per week

2 eredits

40ab General Bible Doctrine—The entire course will center in the doctrine of redemption. Some of the topics treated are God, man, sin, the Scriptures, and various phases of the great doctrine of salvation. A few specific doctrines of the New Testament are studied during the second semester.

Two hours per week

4 eredits

B. Religious Education

10a Principles and Administration of Religious Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 eredits

11b Standards and Methods in the Church School—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 eredits

33ab History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Two hours per week

4 credits

Biology

Professor Charles Apgar, Dr. Bessie Apgar, and Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure,

function and life histories of representative animals and plants. It should be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week

Laboratory fee, \$5.00 per semester 8 eredits

13a Medical Terminology—This course is designed to acquaint students with the terminology required in case history records, examiner's reports, clinical records, autopsy protocols, insurance forms, and reports required by various relief agencies. While given primarily for medical secretaries, it is recommended as an elective for laboratory technician students. Given in alternate years. Not offered 1950-1951.

Two hours per week

2 credits

21a Office Nursing Technique—This course is designed to acquaint the student with the nursing problems as found in a physician's office. Instruction is given in medical history taking, preparation of patients for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Does not count toward a major in biology.

Laboratory fee, \$5.00

Two hours recitation and a minimum of two hours laboratory per week

3 eredits

22b Office Laboratory Technique—This course is designed to acquaint the student with clinical laboratory methods. There is special emphasis on urinalysis, and blood counting, but the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar are also taught.

Laboratory fee, \$8.00

One hour recitation and a minimum of four hours laboratory per week

3 eredits

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advance study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week

4 eredits

30b Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week

4 credits

31b General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the pur-

pose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30b

Two hours recitation and a minimum of two hours laboratory per week

3 credits

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40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years. Not offered 1950-1951.

Prerequisite: Biology 10a-b

Laboratory fee, \$10.00 depending on cost of materials

One hour lecture and a minimum of four hours laboratory per week

3 credits

41b Microbiology (Bacteriology)—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

4 credits

43a Histology—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

Business Education

Assistant Professors Bucher, Eshleman, and Mr. Kugle and Mr. Wenger

11b Introduction to Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use

of journals and ledger; financial statements; controlling accounts and subsidiary ledgers. Practice set and problems are to be completed for single proprietorship enterprises.

Two hours lecture and two hours laboratory per week

3 credits

20ab Intermediate Accounting—The general principles of accounting as exemplified in the partnership and corporate forms of business will be studied. Special emphasis will be placed upon partnership formation, operation, and dissolution; voucher system; formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and practice sets will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

6 credits

30a Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

30b Elementary Accounting Problems—In this course a study is made of carefully selected problems (taken from those set by the American Institute of Public Accountants) such as work sheet adjustments, preparation of financial statements, opening and closing books, mergers, consolidations, dissolutions, receiverships, bankruptcies, reorganizations, holding companies, and consolidated balance sheets.

Two hours lecture and two hours laboratory per week

3 credits

41ab Advanced Accounting—This course follows the general outline of the course in elementary accounting problems. The problems used throughout the course are taken from the American Institute examinations and require in their solutions a thorough knowledge of the subject matter of accounting.

Two hours lecture and two hours laboratory per week

6 credits

43a Tax Accounting—This is a study of the provisions of the federal income tax laws. It also includes a consideration of the proper practice in preparing tax reports; taxation of estates, gifts and trusts; social security taxation; and problems in taxation peculiar to the commonwealth of Pennsylvania.

Two hours lecture and two hours laboratory per week

3 credits

44b Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analyses and considerations, systems of

internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Business Administration

11a Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedure used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as: Calculation and use of percentages, interest, chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

6 credits

24a Principles of Merchandising—This course considers sales policies and techniques of operation in the field of distribution. Current practices in merchandising and salesmanship are studied and correlated. Specific topics covered include channels of trade, governmental controls and restraints, and the purposes and techniques of the consumer approach in distribution.

Two hours per week

2 credits

25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Two hours per week

2 credits

31a Corporation Finance—The aim of this course is to acquire an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

33b Money and Banking—This course provides a general introduction to the monetary system, banking and credit institutions and methods of financing.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

35b Business Management—This course is a study of the fundamentals of business organization and management which should be known by every business man. Principles are discussed and their application shown. Discussion centers around the organization and activities of modern business and industrial enterprise.

Three hours per week

3 credits

36b Personnel Administration—Principles and procedures in handling personnel problems, diagnosing organizational stability, building and maintaining work teams, wages and hours, and employee services and programs are presented and discussed. Emphasis is placed upon individual self-realization for maximum labor efficiency and productivity.

Three hours per week

3 credits

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

Economic History of the United States—(Same as History 31a).

Three hours per week

3 credits

41a Insurance—A survey of the principles and practices of insurance is made relative to an analysis of fire, casualty and life situations which arise to create needs for insurance. The study includes a consideration of coverages as well as problems of organization, regulation and control of the insurance industry.

Three hours per week

42b Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

44b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Two hours per week

2 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, skewness, time series, the business cycle, and the like.

Three hours per week

3 credits

46b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships and procedures for the alleviation of tension, alternatives to force, and the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

Secretarial Science

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulation, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program. Fee, \$5.00 per semester

Four hours per week

4 credits

14b Medical Secretarial Science—This course is designed to acquaint the students with the principles of medical ethics and medical economics, with organizational plans for payment of medical services, and with specialized duties of the physician's office. Instruction is given in receiving patients, in making appointments, in handling correspondence, in making reports, in filing, billing, and in keeping accounts for physicians.

Two hours per week

2 credits

15a Introduction to Business—The work of this course is designed primarily for students in the commercial teaching curriculum, and consists of lectures, problems, and practical projects which will orient the student in the field of commercial teaching. Teaching procedures will be stressed.

Three hours per week

3 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$5.00 per semester Three hours per week

2 credits

23ab Advanced Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

25ab Secretarial and Office Practice—Secretarial duties common to all lines of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises, the student is enabled to deal intelligently and efficiently with everyday business problems. The duties and the personal qualifications of an office worker are considered. Special attention is given to the handling of outgoing and incoming mail, filing, editing, and proofreading, the duties of a receptionist, itineraries, the transportation of goods, the study of business ethics, and the use of reference books, as well as practical work in interviewing. There is instruc-

tion and practice also in the use of modern office machines, such as the Comptometer, the Monroe, the Sundstrand, the Burroughs. Friden's, stencil and liquid duplicators, mimeoscope, Ediphone, electric typewriters, and PBX.

Fee, \$4.00 per semester

One hour recitation and two hours laboratory per week

4 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

Methods in Business Education—Same as Education 34b.

43b Cooperative Office Training—This is a laboratory course designed to develop initiative on the part of the secretary. Whenever possible, the student will be given the opportunity to obtain part-time service in a business or professional office.

Eight hours per week

4 credits

Chemistry and Geology

PROFESSOR STAMBAUGH AND PROFESSOR BAUGHER

10a-b General Chemistry—This course aims to familiarize the student with the fundamental laws and principles of chemistry. A careful study is made of the metals during the second semester.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week
8 credits

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analaysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00 per semester
Three hours recitation and six hours laboratory per week 5 credits

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic com-

pounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00 per semester
Two hours lecture and a minimum of eight hours laboratory per week
5 credits

44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fee, \$8.00

Three hours lecture and a minimum of three hours laboratory per week 8 credits

12a Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week

4 credits

Education

Professors Bucher, Apgar, Associate Professors Hoover, Kilhefner, Mr. Albright and Mr. Book

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week 3 credits

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from

the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$2.00

Two hours per week

4 credits

12ab Fine Art-Oil Painting—This course is planned to develop skill and appreciation for landscape, portrait and still life.

Two to four hours per week

4 credits

13ab Public School Music—This course aims to help the prospective teacher in the elementary school to sing with good intonation, quality, and interpretation; to acquire a representative repertoire of rote songs; to master tonal and rhythmic dictation problems; to sing at sight; and to master elementary theory (clefs, keys, meter, etc.).

Two hours per week

4 credits

14b Teaching of Reading—This course includes aims, materials and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied. Projects, activity units, and demonstrations are used to supply worthwhile experiences. Diagnosis of reading difficulties is followed by a study of remedial measures. Basic and supplementary textbooks are evaluated.

Three hours per week

3 credits

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment and aims to coordinate fundamental principles of geography. Students get training in the organization and the presentation of geographic maps, graphs, diagrams, testing, etc.

Three hours per week

3 credits

21a Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week

3 credits

25b Teaching of Secondary Mathematics—This course for prospective teachers includes discussions on methods of instruction, curricular tendencies, supplementary materials, and objectives. A large part of the course will be devoted to a study of the historical background of mathematics. It is assumed that students enrolling for this course will have enough courses in mathematics to meet certification requirements.

Three hours per week

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public Achool Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00

Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main lines emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31b Methods of Secondary Education—This course is designed to prepare students for practice teaching. It includes a study of the fundamental problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and measuring outcomes.

Three hours per week

3 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter. Many of the aids will be made or collected and their use demonstrated during the course.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the commercial subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35b Teaching of English—This course includes a study of the objectives, content and methods of teaching language, composition,

grammar, and other English work in the elementary school. Teaching of poetry and other literature for appreciation is also stressed.

Two hours per week 2 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Two hours per week

2 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and sufficient knowledge of statistics to use them intelligently.

Fee, \$3.00

Three hours per week

3 credits

40b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Principles of Secondary Education—The large phases of this course consist of the philosophy of education; the bases of education, biological, psychological, sociological, and historical; and American educational practices including administrative organization, individual differences, and present trends and problems.

Two hours per week

2 credits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools. Special attention is given to lesson plans, classroom technique, discipline, and measuring results. Conference discussions are held at least twice a week. This course must be taken parallel with either Education 41a or 42a.

(The student teacher is required to provide for his own transportation)
Fee, \$25.00

Six hours per week

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education. May be applied toward permanent certification.

Three hours per week

3 credits

English

PROFESSOR SCHLOSSER, MISS HACKMAN, AND MISS ENGLE

10ab Composition—A study of the fundamentals of effective English through their practical application in oral and written themes, through class discussion, and through individual conferences constitutes the main aspects of this course.

Three hours per week

6 credits

22ab English Literature—This is an historical survey of English literature from Beowulf to Kipling. Illustrative readings in and outside the classroom constitute an important part of this course.

Three hours per week

6 credits

25a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures. Two hours per week

4 credits

30ab The Romantic Movement—The decadence of Classicism, the beginnings of Romanticism, the chief characteristics of the Romantic Movement, the influence of Rousseau, and a discussion of Wordsworth, Coleridge, Scott, Byron, Keats, and Shelley comprise the main phases of this course.

Two hours ber week

31a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week

2 credits

32b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Three hours per week

3 credits

33b The Development of the English Novel—A survey of English prose fiction from Defoe to Hardy with a detailed study of several of the leading writers of this form of English is made. Two hours per week 2 credits

34a Argumentation—Lectures on the principles of argumentation and on the theory and practice of debating are presented. Practice in various types of debating is provided for each student. Two hours per week 2 credits

35b Victorian Poetry—Backgrounds of the period are presented. The course emphasizes Tennyson, Browning, and other authors.

Two hours per week

2 credite

36b The English Essay—The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Three hours per week

3 credits

37a Children's Literature—An interpretative and critical study of literature for children in the grades, specimens of lyric and narrative poetry, drama, short stories, novels and essays together with a graphical and historical background, and selected readings will be presented.

Laboratory fee, \$1.00

Three hours per week

3 credits

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours ber week

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week

4 credits

42ab The Drama—This course includes masterpieces of American, British, and Continental drama excluding the plays of Shakespeare.

Two hours per week

4 credits

43a English Workship—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects. Three hours per week

3 credits

History and Political Science

A. History

Assistant Professor Hellerich

10ab History of Civilization—This course is a brief survey of the major civilizations from ancient times to the beginning of the modern period. Social, cultural, religious, political and economic aspects are considered. Required of all freshmen in both semesters.

Two hours per week

4 credits

20ab Modern European History—This course offers a survey of the major political, economic, social and cultural developments in Europe from 1500 to 1914. Special attention is given to some of the larger movements.

Two hours per week

4 credits

23b Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

6 credits

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours ber week

3 credits

33a History of Pennsylvania—This course is a study of the political, economic, social and cultural development of Pennsylvania intended to acquaint the student with the basic movements in the history of Pennsylvania.

Three hours per week

3 eredits

34b Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 eredits

40a Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States. To be given in alternate years.

Three hours per week

3 credits

41b Latin American History—This course surveys the major historical developments in the Latin American nations from the age of discovery to the present time. To be given in alternate years.

Three hours per week

3 eredits

43b Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period from 1914 to the present. Special emphasis is placed in North America and Europe; a less detailed study is made of South America, the Pacific area, Asia and Africa. Political and economic aspects of recent history provide the fundamentals of this survey. To be given in alternate years.

Three hours per week

3 eredits

B. Political Science

42b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government, but with some consideration of Pennsylvania state and local government.

Three hours per week

3 credits

44a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Latin

10a-b Virgil—The Æneid may be taken for college credit. The course aims at an appreciation of this famous masterpiece of literature. Attention will also be given to English word-building from the Latin words of the text, and also to Latin prose composition.

Three hours per week

6 crcdits

20ab Cicero—De Senectute, De Amicitia; Pliny—Letters; Ovid—Metamorphoses.

Three hours per week

6 crcdits

30ab Horace—Odes and Epodes; Plautus and Terence—Selected plays.

Three hours per week

6 credits

40ab Livy—Books I and XXI; Tacitus—Agricola and Germania; Suetonius—Selections.

Three hours per week

6 credits

41ab Juvenal — Satires; Martial — Epigrams; Lucretius — De Rerum Natura.

Three hours per week

6 credits

French

10a-b Elementary Course—This course is designed for students beginning French in college. Grammar, reading, and dictation are stressed. Does not count toward a major in French.

Three hours per week

6 credits

20ab Intermediate Course—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

31ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 eredits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-Beauve and several twentieth century authors are given special attention.

Three hours per week

6 credits

41ab French Conversation and Advanced Composition — This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)

Three hours per week

6 credits

German

10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and reading of plays and novels.

Three hours per week

6 eredits

30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week

6 eredits

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours ber week

6 eredits

Spanish

10a-b Elementary Course—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

20ab Intermediate Course—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Masterpieces of Spanish Literature-This course enables the student to read intelligently the great authors of Spain. Three hours per week 6 credits

40ab Literature

Three hours per week

6 credits

Mathematics

Associate Professor Heilman

10a *Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics or those who need review in such areas, and covers the basic principles of all the courses which should be offered as prerequisites for college algebra. This course cannot be used as credit toward a major in mathematics.

Five hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours ber week

3 credits

13b Theory of Equations—This course continues the work in algebra with emphasis on such topics as, theory of equations, complex numbers, determinants and matrices, etc., including applications.

Prerequisite: Mathematics 11a

Three hours ber week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including trigonometry.

Three hours per week

^{*} Does not count toward a major.

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisites: Mathematics 20a

Three hours per week

3 credits

25a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces the essential topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

(Offered if demand warrants)

Three hours per week

3 credits

Teaching of Secondary Mathematics—Same as Education 25b.

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

3 credits

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisites: Mathematics 30a

Three hours per week

3 credits

41b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

(Offered if demand warrants)

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

42a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Mathematics 11a and 12b. Fee, \$2.00

Three hours per week

3 credits

Music

Mr. Albright, Mrs. Meyer, and Mr. Herr

Students may elect 20 semester hours credit in music toward the B.A. degree. Piano and voice with one lesson per week and with a minimum of 5 hours practice count for one semester hour credit per year. Chorus, glee club, and other ensemble work receive credit as indicated below.

Students who plan to take music should consult the advisers during registration week. All students who desire credit in music should be able to sing or play at sight a selection of hymn or folk song difficulty, and be able to do the work of the preparatory course in piano and voice.

Students desiring credit for practical music in excess of 2 semester hours shall match such credit in practical music with an equal number of semester hours in theory, history, or appreciation of music.

A. Technic of Musical Performance

Piano

Preparatory Course—For beginners such material as Presser's Beginners' Book and Kohler's Practical Method are used, followed by Schmitt's Preparatory Exercises; Kohler, Op. 157; Burgmuller, Op. 100, together with sonatinas by Lichner, Clementi, Burgmuller, Op. 109; pieces by Jensen, Godard, Grieg, and others. Five hours per week in practice

No credit

10ab Scales and Arpeggios—Czerny Studies Op. 299, twoand three-part inventions by Bach, sonatinas by Kullak, Clementi, Haydn, Mozart, and others are presented.

Five hours per week in practice

1 credit

20ab Advanced Scale Work and Arpeggios — Cramer's Études, Bach's Well-Tempered Clavichord, sonatas by Mozart and Beethoven, compositions from the Romantic and Modern School comprise the work of this year.

Five hours per week in practice

1 credit

30ab Czerny's Studies, Op. 740, Chopin's Études, compositions of Grieg, Schumann, Brahms, Schubert, and modern composers are covered in this course.

Five hours ber week in bractice

40ab Clementi Gradus ad Parnassum, concertos by Mendelssohn, Chopin, Grieg, and other modern composers are studied.

Five hours per week in practice

1 credit

Voice

Preparatory Course—This course aims to give the beginner in voice practical experience in correct breath control, vowel and consonant formation, tone placing, phrasing, and singing easy songs at sight.

Five hours per week in practice

No credit

10ab Proper breath control, principles of enunciation and pronunciation as applied to singing are developed together with the development of a sustained tone and the equalization of the voice. Practice in singing major, minor, and chromatic scales, simple arpeggii, and embellishments is given. Emphasis is placed on correct tone quality, and interpretation of songs of medium difficulty.

Five hours per week in practice

1 credit

21ab Breath control, tone placement and phrasing are developed. A study of easy oratorio solos and operatic airs is made. Several art songs from the classics (in Italian, German, or French) are studied. The course offers ensemble experience.

Five hours per week in practice

1 credit

30ab Vocal work in agility, endurance, diction, and interpretation is continued. Ensemble singing is done from standard operas, oratorios, or cantatas along with more difficult songs from classic and modern composers.

Five hours per week in practice

1 credit

40ab This course presents a comprehensive repertoire of standard song literature and offers experience in singing a complete rôle from a standard opera or oratorio.

Five hours per week in practice

1 credit

The A Cappella Choir

The aims of the choir are (1) to create and maintain interest in unaccompanied and accompanied choral singing, through singing a variety of good music both sacred and secular, (2) to discover how to build choral programs with variety and coherence, (3) to develop accurate intonation, proper tone quality, balance of parts, pure diction, and appropriate interpretation.

Requisites for admission to the choir:

Proper intonation and voice quality. Ability to sing a voice part, e.g., second soprano. Ability to sing a simple hymn or folk song at sight. At the beginning of each school year the more capable vocal students are selected for the A Cappella Choir. This group memorizes a program (built around a definite theme) of approximately sixteen anthems by such composers as Bach, Handel, Palestrina, Tschaikowsky, Dett, and Cain. This program is rendered in various churches.

Each school year the choir will present a cantata or an opera.

The work of the choir consists of an unaccompanied sacred choral program such as "God the Omnipotent" 16A, "The Greatest of These" 16A, "Life of Christ" 16A, "We Must Walk by Faith"; an unaccompanied secular choral program such as "The Seasons" 16CH; an opera such as "Mikado," "Martha"; an oratorio such as "The Holy City," "Elijah," "The Messiah"; or a cantata such as "Belshazzar's Feast," "The Legend of Don Munio."

Two hours per week

1 credit

Students who have taken a leading rôle in opera or oratorio, or who have credit for any of the following courses, 13ab, 23ab, 24ab, 33ab, may receive credit for choir on the two semester hour per year credit level.

B. Appreciation and History of Music

10ab Appreciation of Music—This course is designed to increase the student's love for music; to develop capacity for rhythm; to stimulate a desire for technique and power of expression; to develop the ability to follow form in music through listening to; to perform and experiment with a variety of forms of vocal and instrumental music.

Two hours per week

4 credits

42ab History of Music—The objective of this course is to acquaint the student with compositions and chief characteristics of typical representatives of various epochs of music, with the development of vocal and instrumental music; to increase and enrich a student's ability to appreciate, interpret, evaluate and compose music through studying a variety of music, and famous musicians.

Prerequisite: Music 10ab

Two hours per week

4 credits

C. Theory of Music

13ab Elementary Theory, Ear Training, Dictation, and Sight Singing—The aim of this course is to develop ability to read fluently and accurately at sight, in the G and F clefs, and in any major or minor key. The rudiments, notation, scales, intervals, melody writing; the singing, recognition, and writing of all intervals in the I and V chords in the major and minor modes;

recognition of major and minor triads by ear and by sight; rhythmic and memory drills; aural analysis of compositions in the small forms compromise the work of this course.

Two hours per week

4 credits

23ab Intermediate Ear Training, Sight Singing and Dictation—The purpose of this course is to develop the ability to read fluently and accurately at sight choral music of the difficulty of "Gloria in Excelsis" by Mozart. Singing of simple melodies; singing, recognition, and writing of all intervals in the major and minor keys; recognition and singing of chords; rhythmic drills with harmonic and melodic material; practice in memorization of phrases are included.

Prerequisite: Music 13ab Two hours per week

4 credits

24ab Aural, Written, and Keyboard Harmony—This course aims to familiarize the student with chord progressions through aural, written, and keyboard harmony. Use of triads and dominant sevenths with their inversions; compositions in phrase and period form for piano and voice; analysis; playing of triads, dominant sevenths and arpeggios; harmonization of folk songs and other melodies in four-voice harmony and free piano style are considered.

Prerequisite: Music 13ab Two hours per week

4 credits

33ab Aural, Written, and Keyboard Harmony—Modulations; altered and mixed chords, inharmonic embellishments and figurations; practical composition through extended double period form for piano and voice; improvisation in the phrase, period, and double period form; transposition; sight reading and analysis of compositions by masters of the classical period comprise the work of this course.

Prerequisite: Music 24ab Two hours per week

4 credits

D. Orchestra

Any student who is able to play an instrument with reasonable facility is eligible to membership in this organization. Instruction in instrumental music of a wholesome recreational type and of high cultural value will be offered. It is the purpose of the instructor to articulate music of varying degrees of difficulty so that the less-experienced student and the more advanced student may be able to play in an ensemble. This activity meets a three-fold purpose, (1) to develop a permanent interest in and an appreciation for music of leading composers, (2) to provide training that will ensure wholesome leisure-time activity after the student leaves col-

lege, and (3) to provide him with an opportunity to support his Alma Mater in a representative capacity.

Two hours per week

1 credit

Philosophy and Psychology

Professors Bucher, Schlosser, and Associate Professor Kilhefner

10ab General Psychology—This course is an introduction to the study of human behavior. A standard basic text will be used, supplemented by lectures, discussions, observations, and reports.

Two hours per week 4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week. Laboratory fee, \$3.00

3 credits

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 credits

30a Abnormal Psychology—A study of behavior disorders, including a consideration of psycho-analytic as well as more conventional interpretations, and of the social aspects of abnormal behavior. Emphasis will be placed upon the usual neuroses and psychoses as they relate to mental hygiene.

Three hours per week

3 credits

Social Psychology—See Sociology 20a.

Educational Psycholgy—See Education 30a.

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week

3 credits

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

42b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Physical Education and Health

Mr. Herr and Mr. Dodd

Student Health Program

Health is a primary objective of modern education. The maintenance of good health is accepted as one of the seven cardinal principles of education.

The Educational Policies Commission has stated: "An educated person knows the basic facts concerning health and disease... works to improve his own health and that of his dependents... and works to improve community health."

Elizabethtown College does all in its power to safeguard the health of its students. This is accomplished through courses in physical education and hygiene, detection of incipient diseases, recommendation for medical treatment of acute disease and the maintenance of hygienic living conditions. A detailed statement of administrative policies for the health program is found under "Courses of Instruction" Physical Education.

Basic Philosophy and Administrative Principles

Maintenance of good health is accepted as a cardinal principle in education.

The College aims to give implementation to this principle through the following channels:

- a. require accurate, dependable and thorough examinations of all students annually;
- give professional advice and instruction concerning physical, mental health, and social adjustment, through conference and classes;
- c. guide students facing the probability of serious illness to the professional medical service of their choice;

- d. maintain close cooperative relations with the family physician and to avoid any semblance of competition with the family physician;
- e. promote an adequate program of intramural and intercollegiate sports.

All students are required to pass a satisfactory health examination annually before they are admitted to Elizabethtown College. This examination shall be at the expense of the student.

A report of this examination shall be supplied on forms provided by the College and shall be sent by the examining physician directly to the Dean of Instruction. This report shall be regarded as part of the data supplied upon which the Committee on Admissions Curricula and Personnel will base their decision as to whether or not said student shall be admitted.

This examination requirement shall also apply to all upper classmen annually before the opening of college or before the semester for which they plan to enroll.

After the student has been admitted, the College physician will give, at no expense to the student, periodical follow-up examinations to any students whose health or academic record indicates the need for a check-up.

Any student who has an illness which, in the mind of the physician in charge, may extend over more than two or three days, will be returned to his home or will be taken to a hospital as the case may warrant.

Although no attempt is made to choose a physician for a student, careful instructions are given covering the bases on which the student should himself make such a choice.

The College is not responsible for the care of students injured in athletic training or competition.

All health records are kept in strict confidence, open only to the student, the College physician, the director of physical education and the dean in charge.

An effort is made to integrate the entire program of health with the academic, social and spiritual life of the student.

The decision as to whether or not any individual is physically able to play in a game or practice rests with the physician who administered the annual physical examination.

As a general procedure the administrative officer of the health service, the Dean of Men, Dean of Women, Director of Physical Education, or the college physician, in cooperation with the student, whenever feasible, will notify parents of serious defects or impairments. In all hospital cases of serious illness or accidents, parents, guardian or nearest kin will be notified.

The desired health-value outcomes of the department of physical education are:

- a. physical and organic development and maintenance;
- b. high standards of conduct, social, moral and emotional;
- c. knowledge and appreciation of the "why" of physical exercise;
- d. enjoyment and pleasurable states of mind through team games; and
- e. development of game and hobby skills sufficient for the present and the future in which instruction and competition increase degree of value.

More specifically, the aim of the department of physical education is to organize and direct various forms of motor activities which will assist the student in gaining corrective, educational, and hygienic results from properly regulated exercise, games and athletics, and in training the individual in leisure-time recreation which may enable him to maintain health after graduation.

The work of the classes is planned with the purpose of acquainting the students with a variety of activities, especially those with a carry-over interest, and to this end opportunities are offered in the following activities: handball, volleyball, soccer, basketball, hiking, tennis, baseball, softball, speedball, and natural and individual gymnastics.

To further the advantages offered to all students an intra-mural program has been undertaken with the aim of getting each student actively engaged in some form of athletic competition. Physical education is required of all freshmen and sophomores, unless an excuse is recommended by the college physician and the physical director.

All students are considered to have permission to participate in competitive and intercollegiate sports unless otherwise instructed by parent or guardian.

The aim of the department is to organize and direct various forms of motor activities which will assist the student in gaining corrective, educational, and hygienic results from properly regulated exercise, games and athletics, and in training the individual in leisure-time recreation which may enable him to maintain health after graduation.*

Both men and women students are required to wear regulation gym suits and shoes.

10ab Physical Education—This course aims to promote proper habits in the care of the body which will make for a stronger and more efficient being. Required of freshmen.

Two hours per week

2 credits

^{*} An annual physical examination is required of all students.

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week

22ab Hygiene—The first semester is devoted to the study of personal and school hygiene as related to the problem of the school-During the second semester the problems of community hygiene, and the place of nutrition in a school and community hygiene program are studied.

Two hours per week

4 credits

23ab Administration and Coaching-Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Associate Professor Heilman and Assistant

10a-b Physical Science—This course is a survey of astronomy, geology, physics, and chemistry. The fundamental laws and their everyday applications are studied. Credit may be used for teacher certification only in the elementary field.

Fee, \$2.00 per semester Three hours per week

6 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, guizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b

Laboratory fee, \$7.50 per semester

Three hours recitation and a minimum of two hours laboratory 8 credits

Sociology

Associate Professor Kilhefner and Assistant Professor ESHLEMAN

10b Introduction to Sociology—This is the study of culture, social change, and social institutions. This is a prerequisite for all other sociology courses.

Three hours per week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

21b Social Problems—This course presents an analysis of the various types of personal and social disorganization, such as juvenile delinquency, ill health, unemployment, drug addiction, and crime. It also presents solutions for reconstruction of society. This is a prerequisite for 40b.

Three hours per week

3 credits

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week

3 eredits

32b Urban Sociology—The present basic social patterns which have emanated from modern urban culture are traced and analyzed.

Three hours per week 3 credits

40b Criminology—This is an analysis of the causes, processes, treatment, and prevention of criminal conduct.

Three hours per week

3 eredits

41a Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

43b The Family—The chief problems center in courtship and marriage adjustments, husband-wife types, marriage prediction scales, and parent-child relations.

Three hours per week

3 credits

Educational Sociology—Same as Education 46a.

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of library, the gymnasium, the athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Etonian*, debating, enrollment, furnished rooms, limited use of infirmary, and board exclusive of Thanksgiving, Christmas and Easter vacations. This fee amounts to \$700.00.

Day Students

The expenses for a student attending College from his own home are \$385.00.

Payment of Bills

The yearly charge to the student is payable in four installments, as follows:

	Resident Students	
At the opening of College	\$175.00	\$96.25
On or before December 1	. 175.00	96.25
On or before February 1	175.00	96.25
On or before April 1	175.00	96.25

The bills may vary from the stated amounts in certain instances because of the laboratory charges and because of special work taken outside of the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above will be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, College Store bills, and all other special fees will be added to the second and fourth payments.

Credit allowed for scholarships, honorariums, work, and the like, will be deducted from the second and fourth payments.

The tuition charge for less than 10 and more than 18 hours per week is \$12.50 per semester hour when students take work with regular classes.

A charge of \$5.00 per semester hour of credit is made for all examinations given under the Committee on Admissions, Curricula, and Credits for advanced standing. For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$8.75 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$15.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities. It also gives each graduate a life membership in the Alumni Association since each will have had paid the required \$20.00 fee.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance from date of enrollment	Per Cent of Quarter's Charge
Less than 2 weeks	. 25%
Between 2 and 4 weeks	. 50%
Between 4 and 6 weeks	
Between 6 and 8 weeks	. 100%

General Expense Information

The cost of one lesson in voice or piano per week per semester is \$18.00. A piano rental fee of \$4.50 per semester is charged. Persons who study only piano or voice are required to pay a registration fee of \$1.00 per semester.

Upon graduation, or if a student leaves the institution before graduation, he is entitled to one transcript of his academic credit. A fee of \$1.00 is charged for each additional transcript.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a general breakage fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage, damage, and minor bills.

A room reservation fee of \$5.00 is required of all applicants desiring rooms. A registration fee of \$10.00 is required of all applicants for admission. These fees are credited to the student's account. They are not refunded in case of cancellation of application. However, they may be transferred to apply to a later year. Rooms are reserved for the college year. Students are expected not to change residence during the year for any reason except withdrawal from college.

A graduation fee of \$10.00 is charged each candidate for a degree.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing occasionally to serve as ushers and guides.

Scholarships

Elizabethtown College Scholarships

The amount of this scholarship ranges from \$300.00 to \$400.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

One such scholarship is given annually to each graduating class on the basis of one for each 25 students or fraction thereof. The scholarship is awarded to the first eligible student who enrolls and files a written application.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers a limited number of scholarships to ministers and missionaries and their children.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at

the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Business Manager of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$2,300.00. Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

General Education Board Rotary Loan Fund

The General Education Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

The Luke S. Sauder Memorial Loan Fund

Mr. and Mrs. Menno Sauder of Lancaster, Pennsylvania, established this fund of \$1,000.00 in memory of their son, Luke S. Sauder, who died May 30, 1944, while serving his country as a lieutenant in the United States Naval Air Force. The principal of this fund is loaned to worthy students majoring in the field of Business Education.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their tuition. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who makes the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, has provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$10-award for outstanding journalistic writing will be given yearly to the student doing superior news reporting and feature articles for the current school year.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Business Manager.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Payment for meals and lodging of guests is to be arranged for with the Treasurer.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Electric light bulbs not exceeding 100 watts are provided by the College for each student per year. No other electric equipment is allowed in a room without permission from the office and the agreement to pay for the use of same at stated rates.

Each student is required to furnish the following articles: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets, and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge.*

^{*}The College reserves the right to discontinue all laundry service upon two weeks' notice,

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Student Activities

The College encourages and directs all activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be made in writing to him. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are *ipso facto* members of the Student Association Student Senate

This coordinating body of the Student Government Association is composed of the following members: the president of the Student Government Association, representatives of each of the four classes, the presidents of the Men's and Women's Student Councils, the president of the Student Christian Movement, the president of the Athletic Association, a representative of Club Activities, a representative of Musical Activities, and the editor of the *Etownian*.

Student Councils

The Student Councils are composed of six students, elected by the classes. The work of the councils is to promote a wholesome spirit of student self-government.

The government and the discipline of the College are vested in the faculty of the College, but the regulation of student life functions through the Student Councils. The Dean of Men and the Dean of Women serve as advisers to these Councils and assist the students in governing in harmony with the policies of the College. By the request of the respective Deans, actions of the Councils may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them. They are maintained not only for a few, but for all. Every safeguard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball and tennis are the chief activi-

ties. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

International Relations

The purpose of this club is to strengthen the mutual relations between Europe and this country and the rest of the world as far as all the branches of our civilization are concerned—language, music, art, science—and that helps us to appreciate man in various countries and to avoid wars.

Comerciantes

This is an organization of students enrolled in the Commercial, Business Administration or Secretarial courses. Its purposes are to promote interest in the business world and in the study of Commercial subjects; to encourage a social spirit by offering opportunities for wholesome social contact; and to become familiar with modern progressive business methods and systems, endeavoring by such means to raise and maintain a higher standard of training for business.

Sigma Kappa Xi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by students in Journalism. This student publication aims to bring to its readers the news about the College and its alumni.

The Rudder, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The *Etonian* is published annually by the seniors. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and alumni.

Buildings and Grounds

Elizabethtown College is ideally located on an attractive campus of some 50 acres on which are found a large lake, a baseball diamond, a soccer field, and tennis courts. These most adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are one recitation room, the offices, and the living room. The second and third floors contain dormitories, the Green Lounge, and day students' room.

Memorial Hall

During January, 1905, the trustees decided to erect a new 4-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906 as Memorial Hall. On the first floor are located the college Store and a recreation room. The library, offices and a music studio comprise the second floor. The third floor contains the Chapel and a large classroom. The fourth floor is a dormitory.

Fairview Apartments

On June 7, 1921, the third large college building was dedicated. This is a 3-story brick building. The first floor contains 6 apartments equipped with modern conveniences and adapted to small families. At present the second and third floors are used for women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In view of the unsatisfactory conditions in the former gymnasium in the basement of Rider Memorial Hall, the Alumni of the

College took steps to raise a fund for an auditorium-gymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious Auditorium-Gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The size of the floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Offices and storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building.

Dwellings

Eight dwellings are located on the campus and furnish residence to members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 16,800.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

The library regularly receives more than 125 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing veteran male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty veterans.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency has erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Mod-

ern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Several years ago the Alumni Association conceived the idea of beautifying the College campus. This finally led to the purchase of an adjoining tract of land containing a stream of pure running water. At once the student body built a long concrete wall across a ravine and thus formed a lake of over three acres on the campus near the baseball field. Lake Placida offers opportunity for boating and skating. With the trees and shrubbery planted around the shore the lake is a real beauty spot frequently sought for vesper services.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1949-1950

President, Wilbur I. Beahm, '29	Pa.
Vice-President, GALEN C. KILHEFNER, '30 Elizabethtown,	Pa.
Sceretary, EBY C. ESPENSHADE, '35 Elizabethtown,	Pa.
Treasurer, J. W. Kettering, '23	Pa.

Cumberland Valley

President, SARA CONNER ENGLE, '25	a.
Vice-President, CORA OELLIG, '31Greencastle, P	a.
Secretary-Treasurer, MAUDE BENEDICT, '24	a.

Harrisburg

President, Albert Richwine, '49	Pa.
Vice-President, RICHARD HIVNER, '49 Steelton, I	Pa.
Secretary-Treasurer, RUTH GROFF NEWMAN, '36	Pa.
Asst. Secretary-Treasurer, LIDA ANNE SWOPE, '48	Pa.

Juniata Valley

President, CHARLES BRANDT, x-'50	Pa.
Vice-President, OLIVE JAMESON, '34	Pa.
Secretary, Dorothy Cleck, x-'44	Pa.

Lancaster

President, RAYMOND BRUBAKER, '27 Ephrat	a, Pa.
Vice-President, Melvin Brubaker, '27Litit	z, Pa.
Secretary, MINNIE MYER, '25Lancaste	r, Pa.
Treasurer, Donald Neiser, '49Lancaste	r, Pa.

Lebanon Valley

President, RAY KURTZ, '32Richland	, Pa.
Vicc-President, Anna Carper, '41	, Pa.
Sccretary-Treasurer, AMY BREIDENSTINE STERNER, x-'34 Myerstown	, Pa.

Commencement

Monday, May 30, 1949

Address: "The Unshaken Foundations"

Howard Moody Morgan, D.D.

Pastor, Tabernacle Presbyterian Church
Philadelphia, Pa.

Honorary Degrees

GEORGE L. DETWEILER, Doctor of Divinity
JESSE D. REBER, Doctor of Divinity
WILLIAM C. FREEMAN, Doctor of Laws

Degrees in Course

Bachelor of Arts

*Paul Eugene AlwineElizabethtown,	Pa.
ROLLAND E. BOEPPLEPhiladelphia,	Pa.
RAYMOND BOOSELandisville,	
*Albert Linwood Brayman	
Sara M. Bretz	Pa.
VERNON JAY BRICKER Elizabethtown,	
JOHN NISSLEY BUCHElizabethtown,	
PHYLLIS VIRGINIA DRUCK	Pa.
*Curtis W. Dubble Elizabethtown,	
RUTH ADELAIDE EHRLEN, II	
*Edward F. FitzkeeBainbridge,	
M. JANE FREYElizabethtown,	
*Henry F. Gingrich Elizabethtown,	
*Monroe C. Good Elizabethtown,	Pa.
KENNETH RAE GOODHARTElizabethtown,	Pa.
JOHN HENRY GOODYEAR	Pa.
*Thelma Ginder Haldeman Elizabethtown,	Pa.
THOMAS GENE HOFFMAN	
*ROBERT ELLWOOD HUTTER	Pa.
EARL SHELLY LEHMAN	Pa.
†*Robert Leidner	. Y.
MARY KATHERYN LEMON	Pa.
Frederick Edwin Loescher	Pa.
Samuel G. Meyer, JrLebanon,	Pa.
*Howard H. Minnich	Pa.
J. Earl Musser	Pa.
RICHARD L. MUSSER Elizabethtown,	Pa.
WILBUR EUGENE RIGHTERColumbia,	Pa.
*ELVIN BEN SHARP	
ENOLA MAE SMITHLittle York, N	
Paul L. SnyderElizabethtown,	Pa.

^{*} Candidates for degrees at end of summer session. † Graduate with "Cum Laude" distinction.

ELIZABETHTOWN COLLEGE	89
Fern A. Sweigert Denver, William B. Toland Harrisburg, Melvin D. Wallick Lancaster, Clifford Williams Middletown, Jean Thelma Young Telford, *Franklin B. Zink Mt. Joy,	Pa. Pa. Pa. Pa.
Bachelor of Science	
STANLEY S. DOTTERER York, *HAROLD HABECKER FELLENBAUM Mt. Joy, *GEORGE D. FLOWERS, JR. Palmyra, *JOSEPH A. FORRY Elizabethtown, JOYCE MARGUERITE FRYBERGER Maytown, WALTER C. GINGRICH Lebanon, RICHARD LEROY HIWNER Steelton, ROBERT CHARLES LIGHTY Middletown, HUGH M. MILLER Elizabethtown, DONALD L. NEISER Allentown, DALE LAWRENCE PEIFFER Elizabethtown, ELWOOD R. RABER Bainbridge, PAUL W. SCHRIVER, JR. Lancaster, *RALPH DECARLTON STARK Marietta, RICHARD JAMES STARK Marietta, RICHARD JAMES STAUFFER Landisville, REVERE MONTGOMERY STONER Mechanicsburg, GEORGE S. WELLS Elizabethtown.	Pa.
Bachelor of Science in Business Administration	
HARRY WILLIAM BEYER WILLIAM H. DEMUTH Server WILLIAM H. DEMUTH Server Berry Willer Wilbur Joseph Graham Robert E. Garrett Wilbur Joseph Graham Robert A. Greenawalt Harrisburg, Willard Hershey, Jr. Perry W. Hipple Belizabethtown, G. Vance Hitz Winfred A. Knox Richard F. Kuntz John David Lefever Jay Walter Lehman John E. Loucks John E. Loucks Widler Musser Ralph L. Musser Robert F. Nation Robert F. Nation Robert F. Nation Robert E. Reber Walter L. Reinecker Robert E. Richwine Robert E. Richwine Robert E. Richwine Robert E. Schlosser Winfield K. Zerphy Columbia, Ruth Arlene Zimmerly Reading, R	Pa. Pa. Va. Pa. Pa. Pa. Pa. Pa. Pa. Pa. Pa. Pa. P

^{*} Candidates for degrees at end of summer session. ‡ Graduate with "Magna Cum Laude" distinction.

Bachelor of Science in Business Education

BEULAH IRENE BARNTHOUSE Uniontown, Pa RICHARD F. BAUER Lancaster, Pa *KATHLEEN BAUGHER BRYER Philadelphia, Pa *RICHARD CHARLES GAUS Columbia, Pa GLENN L. GINGRICH Elizabethtown, Pa *WILLIAM H. HOLLENBAUGH Maytown, Pa *FRANK W. KEATH Cornwall, Pa	l. l. l.	
Bachelor of Science in Secretarial Science		
*Jean Louise Beyer Dover Pa *Rita Sussman Fairlawn, N. Y	1.	
Bachelor of Science in Elementary Education		
*Arletta Mae Byers Elizabethtown, Pa Josephi H. Dodd Elizabethtown, Pa *Harry Marlin Heisey Palmyra, Pa Anna Jane Hernley Manheim, Pa *Anna Jean Hilsher Elizabethtown, Pa *Elizabethtown, Pa Elizabethtown, Pa Anna Marguerite Kepner Gettysburg, Pa *Colonel Lyles, Jr. Steelton, Pa Mary Lucille Reber Lancaster, Pa *Miriam Lillian Roland York, Pa Dorothy Elizabethi Sprout Mt. Joy, Pa Sara Alice Swartz Newville, Pa	a. a. a. a. a. a. a.	

^{*} Candidate for degrees at end of summer session.

Register of Students

1949-1950

Seniors

Men

BARTMAN, MARKA.B. BEANE, GEORGEB.S.	Liberal Arts2118 Green St., Harrisburg, Pa. Bus. Admin509 Fourth St., New Cumberland, Pa.
Berger, JohnB.S.	Science4 W. College Ave., Elizabethtown,
BOHRER, DONALD A.B. BOLTZ, PAUL A.B. BOWSER, ARTHUR A.B. BRANDT, HARVEY B.S. BRINSER, CLYDE B.S. BROWN, JESSE A.B. BROWN, JOSSPH B.S. BRUBAKER, RICHARD A.B. BUCHER, WILBUR B.S. COOK, EDWARD B.S. DANT, JUNIOR B.S. DANT, JUNIOR B.S. DAVIS, WILLIAM A.B. DEANGLES, MILLET B.S. DEARGLES, MILLET B.S. EARHART, HARRY A.B. EEBERSOLE, HAROLD B.S. FAHNESTOCK, GALEN B.S. FLOYD, IRA A.B.	Bus. Admin
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Freshmen

Men

BALLOU, VICTOR B.S. BAUM, LESTER B.S. BAUSMAN, WILLIAM B.S. BAVER, GORDON B.S. BELSER, JULIUS A.B. BERKHEIMER, DALE B.S. BIVENS, CLARENCE A.B. BLECKER, ALBERT A.B.	Liberal Arts Wheatland Hills, Lancaster, Pa. Bus. Admin 1024 W. Clay St., Lancaster, Pa. Bus. Education 219 Cocoa Ave., Hershey, Pa. Bus. Admin 214 Catherine St., Middletown, Pa. Science Pennsburg, Pa. Liberal Arts R. D. 3, Elizabethtown, Pa. Bus. Admin R. D. 6, York, Pa. Liberal Arts Dillsburg, Pa. Liberal Arts 324 E. Walnut St., Lebanon, Pa. Liberal Arts 3906 Jonestown Road, Harrisburg, Pa.
CINNAMON, ROBERT A.B. COCHRAN, ROBERT A.B. COOK, JAY B.S. DEAN, JOHN A.B. EBERSOLE, DAVID B.S. EBY, HAROLD B.S.	Liberal Arts Wayne St., Summerdale, Pa. Liberal Arts 4841 43rd St., Woodside, N. Y. Liberal Arts 1210 W. King St., York, Pa. Bus. Education Dillsburg, Pa. Liberal Arts Ohio St., McClure, Pa. Bus. Education 526 W. Chestnut St., Lancaster, Pa. Bus. Admin 316 N. Barbara St., Mt. Joy, Pa. Science 1500 Washington St., Huntingdon, Pa.
EMIG, WALTONA.B. FENSTERMACHER, JOHNB.S.	Liberal ArtsGuthsville, Pa. Liberal ArtsR. D. 3, Spring Grove, Pa. Bus. Admin606 Mt. Vernon St., Lansdale, Pa. Liberal Arts625 Mt. Prospect Ave., Newark, N. J.
FICHTER, JACKA.B.	Liberal Arts1820 W. River Drive, Merchantville, N. I.
	Liberal ArtsThompsontown, Pa. Bus. Admin444 N. Market St., Elizabethtown, Pa.
GABEL, GEORGE A.B. GEIB, HAROLD B.S. GIBBLE, H. LAMAR A.B. GRILL, STANLEY A.B. GROFF, HARVEY A.B. GRUBB, PAUL B.S. HAAS, DONALD B.S. HAMME, GLENN B.S. HARLIN, WILLIAM B.S. HIVNER, JAMES A.B. HOERNER, HENRY A.B. HOOPERT, DANIEL A.B.	Bus. Admin
KELL, WILLIAMA.B.	Liberal Arts32 Hoffman Blvd., Ashland, Pa. Liberal ArtsDallastown, Pa. ScienceMcClure, Pa. Bus. AdminPillow, Pa.

DETERMENT	STHIOWN COLLEGE
	Liberal Arts613 S. 2nd St., Lebanon, Pa. Bus. Admin2001 Swatara St., Harrisburg, Pa. Liberal Arts Landisville, Pa. Ele, Education R. D. 2, Telford, Pa. Bus. Admin 228 Lemon St., Elizabethtown, Pa. Science Kinzers, Pa. Ele, Education R. D. 2, Duncannon, Pa. Liberal Arts 124 N. Poplar St., Elizabethtown, Pa.
	Liberal Arts141 N. Catherine St., Middletown, Pa.
	Liberal Arts 354 N. Hanover St., Elizabethtown, Pa.
ROTH, CHARLES B.S. RUOSS, THOMAS B.S. SARRISIAN, EDWARD SAUTER, LEWIS B.S.	Bus. Education315 Leaman St., Lititz, Pa. Bus. Admin210 W. Main St., Strasburg, Pa. Lab. Tech158 E. Chestnut St., Lancaster, Pa. Bus. Admin256 S. Market St., Elizabethtown,
SEIDERS, WILLIAM A.B. SHENK, ELLIS B.S. SHERTZER, LEONARD A.B. SHIRK, GILBERT A.B.	Liberal Arts65 Park St., Elizabethtown, Pa. Science R. D. 1, Myerstown, Pa. Liberal ArtsR. D. 1, Hummelstown, Pa. Liberal Arts309 W. High St., Elizabethtown, Pa.
SHUEY, NORMANA.B. SIMPSON, CHRISTOPHERB.S.	Liberal Arts 239 Pine St., Middletown, Pa. Science 234 Harrogate Rd., Philadelphia 31, Pa.
SLOAD, GEORGE A.B. SNADER, NEVIN B.S. STEPHENS, BLAINE B.S.	Liberal Arts Bainbridge, Pa. Bus. Admin Akron, Pa. Science Bowl-Mor Auts. No. 5. Elizabeth-
	town, Pa. Bus. Admin236 N. 23rd St., Camp Hill, Pa. Science5131 Dahlia Drive, Los Angeles 51, Calif.
Waltz, George A.B. Welliver, Paul B.S. Whitacre, Alan A.B. Whitacre, Daniel . A.B. Williams, Frederick . B.S.	Liberal Arts
WILSON, DAVID A.B. ZERFING, RICHARD B.S. ZIEGLER, CARLOS A.B. ZIEGLER, LEVI A.B.	Liberal ArtsR. D. 1, Mechanicsburg, Pa. Science 123 Delta St., Mt. Joy, Pa. Liberal Arts328 S. Broad St., Lititz, Pa. Liberal ArtsR. D. 1, Annville, Pa.
	Women
Baseliore, Nancy	Lab. Tech Shoemakersville, Pa. Secretarial530 S. Spruce St., Elizabethtown, Pa.
BOWMAN, JOSEPHINE B.S. BURKHART, B. LORRAINE DEPPE, MARILYN B.S. DOUGHERTY, PHYLLIS DOUPLE, MIRIAM	Lab. Tech Paradise, Pa. Liberal Arts 323 Orange St., Elizabethtown, Pa. Ele. Education R. D. 3, Elizabethtown, Pa. Ele. Education Loganton, Pa. Medical Sec Ludlowville, N. Y. Ele. Education 635 Maple St., Lebanon, Pa. Secretarial R. D. 4, Lancaster, Pa. Bus. Education R. D. 5, Lebanon, Pa. Medical Sec Landisville, Pa. Medical Sec 1754 Portland Ave., West Lawn, Pa.
FORRY, MRS. RACHEL GETTEL, CORA MAE GINGRICH, M. ARLENE GREENAWALT, MARY B.S.	Lab. Tech R. D. 2, Hershey, Pa. Secretarial
Hammers, Betty AnnA.B. Heatwole, Nancy Ann Heisey, A. LucilleB.S. Horn, BettyB.S. Keeney, ArleneB.S. Keim, Lois Lutz, Martha JaneB.S.	Liberal Arts Stewartstown, Pa. Medical Sec 133 N. Grant St., Palmyra, Pa. Ele. Education Lincoln, Pa. Ele. Education R. D. 5, Carlisle, Pa. Ele. Education Rehrersburg, Pa. Secretarial Ludlowville, N. Y. Ele. Education 250 W. Bainbridge St., Elizabeth-
	town, Pa. Liberal Arts307 Park St., Waynesboro, Pa.

MUSSELMAN, LUCYB.S. Ele. EducationVernfield, Pa, PAXSON, BETTELab. Tech811 S. Market St., Elizabethtown,
Pa.
RAMSBERGER, JUNELab. Tech411 Hoffer St., Middletown, Pa.
RITTER, DOROTHYB.S. Bus. Education Box 135, Richlandtown, Pa.
SAYLOR, PHYLLISB.S. Bus. Education Red Lion, Pa.
SELDOMRIDGE, NANCYA.B. Liberal Arts1123 E. King St., Lancaster, Pa.
SHEAFFER, NANCYA.B. Liberal Arts330 Center St., Chambersburg, Pa.
SNYDER, GERALDINEB.S. ScienceR. D. 2, Elizabethtown, Pa.
SWORDS, ANITAB.S. Ele. Education R. D. 1, Lancaster, Pa.
Talley, EleanoreB.S. Ele. Education 314 W. Broad St., Telford, Pa.
WALZL, MARY MARGARET .A.B. Liberal Arts 520 E. Chestnut St., Lancaster, Pa.
WARNER, SHIRLEYB.S. Ele. Education 619 W. High St., Hummelstown, Pa.
Waser, ClaraB.S. Ele. Education Manchester, Pa.
WEICKSEL, MARY ALICE Lab. Tech Christiana, Pa.
WHITMORE, BETTY ANN Secretarial 143 E. Main St., New Holland, Pa.

Special Students

BOYER, FREDERICK	Pillow, Pa.
	104 E. Washington St., Elizabethtown, Pa.
BUTTERBAUGH, MESIA	.903 Third Ave., Altoona, Pa.
DISNEY, MRS, IRENE	511 E. Maple St., Palmyra, Pa.
FLOWERS, GEORGE	R. D. 1, Palmyra, Pa.
GILBERT, ANNE	318 S. First Ave., Lebanon, Pa.
MILLER, HUGH	312 College Ave., Elizabethtown, Pa.
NICKLE, WALTER	2222 N. 6th St., Harrisburg, Pa.
RABER, ELWOOD	
SMITH, RICHARD	407 S. George St., York, Pa.
STONER, EARL	160 N. Main St., Manheim, Pa.
STRICKLER, MARION	

Part-time Students-1949-1950

BAER, RUSSELL R. D. 2, Mt. Joy, Pa. BAKER, MRS. DOROTHY 210 E. High St., Elizabethtown, Pa. BASTIAN, MRS. MARGARET R. D. 1, Halifax, Pa. BAUGHER, STANLEY R. D. 2, Hanover, Pa. BRANDT, HAROLD 128 E. High St., Elizabethtown, Pa. BUCH, JOHN 345 S. Market St., Elizabethtown, Pa. BUFFINGTON, MRS. DOROTHY R. D. 4, Mechanicsburg, Pa. BUFRIESCI, ANTHONY 37 Holly Place, Stamford, Conn. DAVIS, CLAIRE 8 N. 2nd St., Wormleysburg, Pa. DEWALT, HELEN 102 Hamilton St., Harrisburg, Pa. DIMKEL, FRANCIS 218 S. 3rd St., Columbia, Pa. DUBBLE, MRS. CORA R. D. 3, Myerstown, Pa. ELLENBERGER, MRS. VELMA 2233 N. 2nd St., Harrisburg, Pa. FORNEY, MARION 131 Paxtang Ave., Harrisburg, Pa. FULLER, GLENWOOD 337½ E. Park St., Elizabethtown, Pa. GOHO, WILLIAM 3316 Brisban St., Harrisburg, Pa. GRAHAM, WILBUR 53 E. Washington St., Elizabethtown, Pa. HARRIES, MEGAN 107 E. Market St., York, Pa.
HIVNER, RICHARD
HOLLINGER, GERALD
Horst, Robert
Kelley, Addison
KIEFER, MARIAN
KREIDER, AMOS
MARTIN, LILY
MILLER, BLANCHE Elizabethville, Pa.
MILLER, MRS. MARY
NELSON, Mrs. B. Earlene
Paul, Gladys
Peiffer, Paul
Piersol, Jay Keller Ave., Lancaster, Pa.
RAMBLER, Mrs. Lydia
REESE, LOLA
REIGLE, Mrs. Ada
SAYLOR, MRS. MURIEL
Schwarkl, Alfred
SCHWARTZ, JOHN

SEAGRIST, REU
SPOTTS, ARLENE
STOHLER, GEORGE
Warfel, M. Kenneth
WILLIAMS, CLIFFORD
WOLAND, CHARLES R. D., Halifax, Pa.
WOODWARD, FLORENCE
ZINK, FRANKLIN Box 122, Mt. Joy, Pa.

1949—Intersession

May 31 to June 18

Men

Anna Don A
Armold, Roy A Maytown, Pa.
Benner, Tryon Thompsontown, Pa.
Bennett, James R
Berger, John E 4 W. College Ave., Elizabethtown, Pa.
Bohrer, Donald E
Boltz, Paul J Rexmont, Pa.
Bowser, Arthur MGlen Rock, Pa.
Brayman Albert I
Brayman, Albert L
Brinser, Clyde V
Drivery Copper F
Broske, George F. Mt. Joy, Pa. Brubaker, Harold E
BRUBAKER, HAROLD E
Bucher, Wilbur W. R. D. 8, Lancaster, Pa, Consley, John R
Consley, John R
DART, JUNIOR Z
Davis William Roy 61 Marietta Pa
DETWILER, ROBERT H. Oaks, Pa. DIETRICH, STANLEY W. R. D. 1, Lititz, Pa.
DIETRICH, STANLEY W
Donnelly, Michael F., Jr. 317 Pearl St., Lancaster, Pa. Dubble, Curtis W. 111½ S. Mt. Joy St., Elizabethtown, Pa. Earhart, Harry B. Manheim, Pa.
Durbing Cubric W 1111/2 S. Mt. Toy St. Elizabethtown Pa
Environ Hippy D. Monking Do.
EARHARI, HARRY D
EICHINGER, GEORGE F Enhaut, Pa.
ENTERLINE, ROBERT H
EUKER, TIMOTHY E
Failnestock, Galen B 107 N. State St., Ephrata, Pa.
FARLEY, RICHARD C
FLOWERS, GEORGE D., Jr
FOREMAN, HARRY K
FOREMAN, HARRY K R. D. 1, Elizabethtown, Pa. FORRY, JOSEPH A
Frank, Jack H Bainbridge, Pa.
Frantz, J. Morgan
FREY, IRVIN P
PREY, IRVIN F
GIANNELLI, DONALD J
GINGRICH, HENRY F
GOOD, RICHARD D
GRAHAM, ROBERT M
GRISSINGER, CLARENCE B
HENISE LEON E
HERR LICE 110 F Cottage Place Vork Pa
HERSHEY, WILLARD, JR
HITZ JOHN R
HIVNER DONALD H
HOLABAUCH NEAL C 5 N 7th St Harrichurg Pa
Hyperp Popper F
Jordan, Charles R
JURDAN, CHARLES IX
KEATH, FRANK W Cornwan, Fa.
KEATH, FRANK W
KENNY, JOSEPH F., JR. 1957 Bellevue Road, Harrisburg, Pa. KERCHNER, HENRY W. 303 S. State St., Ephrata, Pa
KERCHNER, HENRY W
KIEHL JOHN C
LANDIS, CARL S
LANDIS, WILLIAM B,
LANE, RICHARD H
LEEFR JAMES E
LEBER, JAMES E
LEONHARD, DONALD F
Lichty, John C
Liggio, Carl
Liggio, Carl Doynton Ave., Dox 59, New York,
N. Y.
LOUCKS, JOHN E
LUCIANO, LEO F

Lyles, Colonel

Women

Andrews, Betty Jane A	
Beyer, Jean L	
Brehm, Elizabeth A	
Bretz, Sara Mae	.104 E. Washington St., Elizabethtown, Pa.
BYERS, ARLETTA M	.R. D. 2, Elizabethtown, Pa.
CLAY, SADIE B	
DISNEY, IRENE M	
EICHELBERGER, MARY	Lewisberry, Pa.
Foley, Joyce A	
FORNEY, MARION L	
GRAHAM, RUTH L	
HALDEMAN, THELMA G	
HILSHER, ANNA JEAN	
KAYLOR, ELIZABETH	
KIEFER, MARION R	
LEMON, MARY K	. 101 Race St., Middletown, Pa.
LEUSCH, MARY J	.24 W. Caracas Ave., Hershey, Pa.
MARTIN, LILY E	
MAURO, JEAN R	.111 S. 3rd St., Lemoyne, Pa.
McNally, Romaine	
REIGLE, ADA M	
RHODES, G. LURANE	
RISSER, ALTA JOY	36 S Market St Flizabethtown Pa
ROHRBAUGH, MARY M	2150 Market St. Camp Hill Pa
SUSSMAN, RITA	12.21 Polloie Ave Frielows M T
Doodwan, Min	.12-21 Denan Ave., Famawn, N. J.

1949—Summer Session

June 20 to July 30

Men

ALWINE, PAUL	.312 College Ave., Elizabethtown, Pa.
Armold, Roy A	. Maytown, Pa.
BECKMAN, VERNON R	Rheems, Pa.
Bender, John H	. 2644 Waldo St., Harrisburg, Pa.
Benner, Tryon	.Thompsontown, Pa.
BENNETT, JAMES R	.1814 North St., Harrisburg, Pa.
Berger, John	.4 W. College Ave., Elizabethtown, Pa.

BOURER, DONALD E. BOUTZ, PAUL J. BOWEN, GEORGE L. BRATMAN, ALBERT L. BRENEMAN, ALBERT L. BRENEMAN, GEORGE E. BRINSER, CLYDE V. BROSKE, GEORGE F. BRUGHER, WILBUR W. BURDICK, GERALD C. CONSLEY, JOHN R. DART, JUNIOR Z. DAVIS, WILLIAM DEHAVEN, CHARLES A. DETWILER, ROBERT H. DINNELLY, MICHAEL F. DREXLER, JACK W. EARHART, HARRY B. EICHINGER, GEORGE F. ELLIOTT, LOUIS K. ESHLEMAN, HENRY C. EVKER, TIMOTHY E. FAILNESTOCK, GALEN B. FARLEY, RICHARD C. FELLENBAUM, HAROLD FITZKEE, EDWARD FLOWERS, GEORGE D. FORRY, JOSEPH A. FRANTZ, J. MORGAN FREY, RICHARD GIANNELLI, DONALD J. GIACRICH, HENRY F. GOOD, MONROE C. GOOD, RICHARD D. GRAHAM, ROBERT M. GRAHAM, WILBUR J. GROFF, BENJAMIN F. HEISEY, H. MARLIN HENISE, LEON E. HERR, JACK HESS, EARL R. HILLEGAS, GORDO L. H	150 Beaver St., Hallam, Pa.
BOLTZ, PAUL J	Rexmont, Pa.
BOWEN, GEORGE L	1 S. Peters St., New Oxford, Pa.
BRAYMAN, ALBERT L	111 E. Main St., Mt. Joy, Pa.
Breneman, George E	972 Center Ave., Lancaster, Pa.
Brinser, Clyde V	25 Mill St., Middlctown, Pa.
Broske, George F	Mt. Joy, Pa.
BRUBAKER, HAROLD E	329 Rider Ave., Lancaster, Pa.
BUCHER, WILBUR W	R. D. 8, Lancaster, Pa.
BURDICK, GERALD C	Uniondale, Pa.
Consley, John R	20 S. Vernon St., York, Pa.
DART, JUNIOR Z.	460 E. Park St., Elizabethtown, Pa.
DAVIS, WILLIAM	Box 61, Marietta, Pa.
Demayer, Charles A	2552 N. 5th St., Harrisburg, Pa.
DETWILER, KOBERT II.	Oaks, Pa.
DOWNER, PRANCIS J.	218 S. Std St., Columbia, Fa.
Dervice Lee W	P. D. 1. Mcddletown, Po.
EADTIADT HADDY D	Manheim Pa
EIGHINGER GEORGE E	Fuhant Pa
FILIATE LOUIS K	300 Spruce St. Hollidayshurg Pa
ESHLEMAN HENRY C	R D 1 Peques Pa
FIRER TIMOTHY E	622 Peffer St. Harrishurg Pa
FAUNESTOCK GALEN B	107 N State St. Enhrata Pa
FARLEY RICHARD C	1411 Susquehanna St., Harrisburg, Pa.
FELLENBAUM, HAROLD	Mt. Iov. Pa.
FITZKEE EDWARD	Bainbridge, Pa.
FLOWERS, GEORGE D	R. D. 1. Palmyra, Pa.
FORRY, JOSEPH A	R. D. 2, Elizabethtown, Pa.
FRANK, JACK H	Bainbridge, Pa.
FRANTZ, J. MORGAN	932 Lehman St., Lebanon, Pa.
FREY, IRVIN P	173 E. High St., Elizabethtown, Pa.
Ganz, Ernest D	601 W. 177th St., New York, N. Y.
Gaus, Richard	560 Walnut St., Columbia, Pa.
GIANNELLI, DONALD J.	129 N. Summit St., Harrisburg, Pa.
GINGRICH, HENRY F.	705 College Avc., Elizabethtown, Pa.
GOOD, MONROE C.	492 W. High St., Elizabethtown, Pa.
GOOD, RICHARD D	New Holland, Pa.
GRAHAM, ROBERT M	230 W. 50th St., Philadelphia, Pa.
GRAHAM, WILBUR J.	Bucha Vista, Va.
UROFF, BENJAMIN F	Ricems, Fa.
HENSEY, II. MAKLIN	722 Vorle St. Vorle Do
Henn Legs	119 F Cottago Place Vork Pa
Hee Fart D	4 Ehrhorn St. Lehanon Pa
HILLEGAS CORDON I	848 N President Ave Lancaster Pa
HITZ JOHN R	1235 Swatara St. Harrishurg Pa
HIVER DONALD H	125 S 2nd St Steelton Pa
HINNER RICHARD I	125 S. 2nd St., Steelton, Pa.
HOLABAUGH NEAL	1815 Front St., Harrisburg, Pa.
HOLLENBAUGH, WILLIAM	Maytown, Pa.
HOOK, TAMES M	R. D. 5. Lancaster, Pa.
HOOVER, STANLEY E	Lineboro, Md.
HORNBERGER, LEE E	Box 236, Hershey, Pa.
HUNT, HAROLD R	.294 Union St., York, Pa.
HUTTER, ROBERT E	East High St., Elizahethtown, Pa.
JORDAN, CHARLES R	828½ Cowden St., Harrisburg, Pa.
KEATH, FRANK W	Cornwall, Pa.
Kelley, Addison W	514 N. Queen St., Lancaster, Pa.
KENNY, JOSEPH F	1957 Bellevue Rd., Harrisburg, Pa.
KERCHNER, HENRY W.	303 S. State St., Ephrata, Pa.
KIEHL, JOHN C.	540 E. Market St., Marietta, Pa.
KLAUSS, NOAH M	1801 N. 2nd St., Harrisburg, Pa.
LANDIS, CARL S	110 Brown St., Elizanethtown, Pa.
LANDIS, WILLIAM B	730 N. Lime St., Lancaster, Fa.
LANE, RICHARD II.	75 W Maple St., Dallactown Po
TEDER, JAMES E	114 F. Park St., Dallastown, Fa.
LEIDNER ROBERT	36 Park Ave New York N V
LEONHARD DONALD E	218 Pine St Middletown Pa
LICHTY JOHN C	Paradise. Pa.
Liggio. Carl	1210 Boynton Ave., Box 59. New York.
	N. Y.
Loucks, John E	1032 W. King St., York, Pa.
LUCIANO, LEO F	1317 State St., Harrisburg, Pa.
Mangle, Charles A	123 Susquehanna Ave., Enola, Pa.
MANIFOLD HUGH R	816 S. Pine St., York, Pa.
LOUCKS, JOHN E. LUCIANO, LEO F. MANGLE, CHARLES A. MANIFOLD, HUGH R. MARTIN, JOHN I.	Mt. Joy, Pa.

McCormick, Glenn W. McWilliams, Navin D., Jr. Meckley, Paul E. Merkey, J. Harold Minnich, Howard Moll, Donald H. Musser, J. Earl Nissley, Robert Nonan, James A. Obetz, James E. Obetz, Richard E. Parker, Charles R. Peters, Russell R. Priest, Jack D. Prowell, Clarence H. Reber, Robert Risser, Martin N. Rowe, Milton H., Jr. Schwankl, Alfred J. Seeds, Howard W. Sensenig, Paul B. Shaep, Elvin B. Sheetz, Jesse F. Shoemaker, Wilbur K. Shultz, Robert L. Shuptar, Dan Shuster, Harry A. Snyder, Frederick E. Snyder, Ray Sparkman, Edwin K. Stahler, Maurice R., Jr. Stahler, Maurice R., Jr. Stahler, Maurice R., Jr. Stahler, George R. Swords, Gene G. Teitrick, H. Robert Thompson, Wayne E.	431 W. Jackson St., York, Pa. 180 E. High St., Elizabethtown, Pa. 1400 E. Park St., Elizabethtown, Pa. 1410 Verbeke St., Harrisburg, Pa. 1417 St. Sth St., Harrisburg, Pa. 1418 Mt. Joy, Pa. 1419 S. Market St., Elizabethtown, Pa. 1419 S. Market St., Elizabethtown, Pa. 1410 S. Market St., Lancaster, Pa. 1420 Poplar St., Lancaster, Pa. 1421 Rolliford St., Lebanon, Pa. 1421 Alkins Ave., Lancaster, Pa. 1432 S. Enola Drive, Enola, Pa. 1433 S. Enola Drive, Enola, Pa. 1442 Pale Duke St., Ephrata, Pa. 1453 P. Market St., Elizabethtown, Pa. 1464 P. Mary St., Lancaster, Pa. 1474 Park St., Elizabethtown, Pa. 1475 Park St., Elizabethtown, Pa. 1476 Park St., Elizabethtown, Pa. 1477 Park St., Elizabethtown, Pa. 1478 Park St., Elizabethtille, Pa. 1489 E. Main St., Elizabethville, Pa. 1497 R. Market St., Mit. Carmel, Pa. 1498 St., Market St., Mt. Carmel, Pa. 1498 St., Mt. Joy, Pa. 1498 Park St., Elizabethtown, Pa. 1544 N. Jord St., Steelton, Pa. 1545 N. 2nd St., Steelton, Pa. 1546 N. 23rd St., Camp Hill, Pa. 1567 R. D. 1, Lancaster, Pa. 1678 R. D. 1, Lancaster, Pa. 1679 Park St., Camp Hill, Pa. 1679 R. D. 2, Mt. Joy, Pa. 1670 Park St., Harrisburg, Pa. 1670 Park St., Camp Hill, Pa. 1670 Park St., Morenwood St., Harrisburg, Pa.
STOHLER, GEORGE R	R. D. 1, Sheridan, Pa. R. D. 1, Lancaster, Pa.
THOME, RALPH G	R. D. 2, Mt. Joy, Pa. 2140 Greenwood St., Harrisburg, Pa.
VAN BROCKLIN, HARRY A	R. D. 6, Lancaster, Pa. R. D. 1, Stevens, Pa.
WILLIAMS, CLIFFORD WOLF, SAMUEL B., JR.	348 S. Catherine St., Middletown, Pa. 24 N. 9th St., Akron, Pa.
ZINK, FRANKLIN B	ait. Joy, ra.

Women

Andrews, Betty Jane	.86-42 143rd St., Jamaica 2, N. Y.
BASTIAN, MARGARET G	.R. D. 1, Halifax, Pa.
BEYER, JEAN L	. R. D. 3, Dover, Pa.
BOHNER, EDNA M	
BRYER, KATHLEEN B	.3818 Powelton Ave., Philadelphia, Pa.
BYERS, ARLETTA M	. R. D. 2. Elizabethtown, Pa.
COLBERT, LILA S	303 Cumberland St. Harrisburg Pa
DISNEY, IRENE M	511 F Manle St Palmyra Pa
ELLENBERGER, VELMA M	2233 N 2nd St Harrishurg Pa
FOEY, JOYCE A	421 W King St. Langaster Da
FORNEY, MARION L.	121 Paytang Ava Harrichurg Pa
FOX, MARY LORENE	
GOLDFUS, ESTHER M.	
HARRIES, MEGAN	.534 E. Market St., 10rk, Pa.
HERSHEY, CHARMAR Y	
HOGG. PATRICIA A.	.802 N. Duke St., Lancaster, Pa.
HOOVER, LOLETA C.	
HOPKINS, ANNE H	.250 Spencer Ave., Lancaster, Pa.
JACKSON, ALMA E	
KAYLOR, ELIZABETH	
KISSLAK, ARLENE B	.2324 Franklin St., Johnstown, Pa.
KRAYBILL, MARIBEL G	.R. D. 1, Elizabethtown, Pa.
LEHMAN, DOROTHY M	. Lawn, Pa.
LIGHTY, ATHA I	. 309 E. Emaus St., Middletown, Pa.
MARTIN, LILY E	. Box 55. Elizabethtown. Pa.
McAnulty, Virginia A	. Highspire, Pa.
McNally, Romaine	Blawnox, Pa.
MONN, O. LARUE	.230 E. Madison St., Greencastle, Pa.
Nelson, B. Earlene	Wormleysburg. Pa.
,	

REBERT, HELEN I
Reigle, Ada M
RISSER, A. JOY
ROHRBAUGH, MARY M
RUDY, MARY JANE
Seagrist, Susan I
SENSEMAN, JACQUELINE MR. D. 2, Elizabethtown, Pa.
Sussman, Rita
THOMAS, DELLA HAnnville, Pa.
TISHOCK, MARY ISmoke Run, Pa.
TROYER, VERA M
WOODWARD, FLORENCE C1013 N. 2nd St., Harrisburg, Pa.

1949—Post Session

August 1 to August 20

Men

Arnold, Roy A
Bender, John II
Benner, Tryon L Thompsontown, Pa.
BERGER, JOHN E 4 W. College Ave., Elizabethtown, Pa,
DERGER, JOHN E W. College Ave., Elizabethtown, Fa.
BOHRER, DONALD E
BOHRER, DONALD E
Brayman, Albert L
Breneman, George E
Drivers Cives V 25 Mill St Middletown De
Decays (Coppe 17
BROSKE, GEORGE F. Mt. Joy, Pa. BUCHER, WILBUR W. R. D. 8, Lancaster, Pa.
BUCHER, WILBUR W
BURDICK, GERALD C
Consley, John R
CON, STANFORD F
DART, JUNIOR Z
Description Description 11
Detwiler, Robert II Oaks, Pa.
DONNELLY, MICHAEL F
EARHART, HARRY B
EBY, HAROLD E
Eighinger, George FEnhaut, Pa.
ELLIOTT, Louis K
EUNER, TIMOTHY E
LUNER, TIMOTHI E
FAUNESTOCK, GALEN B
FARLEY, RICHARD C1411 Susquehanna St., Harrisburg, Pa.
FLOWERS, GEORGE D
FRANK, JACK H
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FREY I PAUL 173 F High St Fligsbethtown Pa
FREY, I. PAUL 173 E. High St., Elizabethtown, Pa. GAUS, RICHARD C. 560 Walnut St., Columbia, Pa.
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GIANNELLI, DONALD J
GINGRICH, HENRY F
GOOD, RICHARD D
Graham, Robert M
Grissinger, C. Bernard
Habig, Robert F
Heisey, H. Marlin
Henise, Leon E
HERR, JACK
HERR, JACK
HITZ, JOHN R
HIVNER, DONALD II
HOLABAUGH, NEAL G
HOLLENBAUGH, WILLIAM H
HIVNER, DONALD II. 125 S. 2nd St., Steelton, Pa. HOLABAUGH, NEAL G. 1815 N. Front St., Harrisburg, Pa. HOLENBAUGH, WILLIAM H. 113 E. High St., Maytown, Pa. HOOK, JAMES M. R. D. 5, Lancaster, Pa.
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JORDAN, CHARLES R
KEATH, FRANK W
KELLER, WILLIAM E1111 N. 3rd St., Harrisburg, Pa.
KENNY, JOSEPH F
KERCHNER, HENRY W
KIEHL, JOHN C. 540 E. Market St., Marietta, Pa. KLAUSS, NOAH M. 1801 N. 2nd St., Harrisburg, Pa.
Vivice Noite M 1901 N 2nd St. Harrichian Pa
KOLVA, KARL K
KOLVA, KARL K
LANDIS, CARL S
LANE, RICHARD H
Leber, James E
LEBER, JAMES E
Leonhard, Donald F
LICHTY JOHN C. Paradise Pa.
LICHTY, JOHN C
LUCIANO, LEO F
Luciano, Leo F

Women

ANDREWS, BETTY JANE 86-42 143rd St., Jamaica 2, N. Y. BAKER, DOROTHY S. 210 E. High St., Elizabethtown, Pa. BAUGHER, PORTIA B. 25 N. Sumner St., York, Pa. BRYER, KATHLEEN B. 348 College Ave., Elizabethtown, Pa. BYERS, ARLETTA M. R. D. 2., Elizabethtown, Pa. DISNEY, IRENE M. 511 E. Maple St., Palmyra, Pa. ELCHELBERGER, MARY Lewisberry, Pa. ELLENBERGER, VELMA M. 2233 N. 2nd St., Harrisburg, Pa. EYLER, A. MAUDE 123 Linden Ave., Hanover, Pa. FOLEY, JOYCE A. 421 W. King St., Lancaster, Pa. HABIG, MARY E. R. D. 1, Middletown, Pa. HESS, PEARL C. 6 E. High St., Elizabethtown, Pa. KISSLAK, ARLENE C. 2324 Franklin St., Johnstown, Pa. KRAYBILL, MARIBEL G. R. D. 1, Elizabethtown, Pa. LEMON, MARY K. 101 Race St., Middletown, Pa. MCNALLY, ROMAINE Blawnox, Pa. MCNALLY, ROMAINE Blawnox, Pa. MCNALLY, ROMAINE Blawnox, Pa. MCNALLY, ROMAINE Blawnox, Pa. RAMBLER, LVDIA G. R. D. 1, Middletown, Pa. RAMBLER, LVDIA G. R. D. 1, Box 255, Johnstown, Pa. RAMBLER, LVDIA G. R. D. 1, Box 225, Johnstown, Pa. RISSER, A. JOY 36 S. Market St., Elizabethtown, Pa. RISSER, A. JOY 36 S. Market St., Elizabethtown, Pa. RUDY, MARY JANE 1301 E. Market St., York, Pa. WOODWARD, FLORENCE C. 1013 N. 2nd St., Harrisburg, Pa.	A The T	26 12 112 1 6: 7 ' 2 N N
BAUGHER, PORTIA B. BRYER, KATHLEEN B. BYERS, ARLETTA M. DISNEY, IRENE M. DISNEY, IRENE M. ELLENBERGER, MARY ELLENBERGER, WALD ELLENBERGER, VELMA M. ELLENBERGER, VELMA M. EYLER, A. MAUDE EYLER, A. MARTIN, C. EYLER, A. MARTIN, C. EYLER, A. MARTIN, EYLER EYLER, A. MARTIN, EYLER, EYLER EYLER, A. MARTIN, EYLER, EYLER EYLER, A. MARTIN, EYLER, EYLER, EYLER EYLER,		
BRYER, KATHLEEN B. 348 College Ave., Elizabethtown, Pa. BYERS, ARLETTA M. R. D. 2. Elizabethtown, Pa. DISNEY, IRENE M. S11 E. Maple St., Palmyra, Pa. EICHELBERGER, MARY Lewisberry, Pa. ELLENBERGER, VELMA M. 2233 N. 2nd St., Harrisburg, Pa. EYLER, A. MAUDE 123 Linden Ave., Hanover, Pa. FOLEY, JOYCE A. 421 W. King St., Lancaster, Pa. HABIG, MARY E. R. D. 1, Middletown, Pa. HESS, PEARL C. 6 E. High St., Elizabethtown, Pa. HOGG, PATRICIA A. 802 N. Duke St., Lancaster, Pa. KISSLAK, ARLENE C. 2324 Franklin St., Johnstown, Pa. KRAYBILL, MARIBEL G. R. D. 1, Elizabethtown, Pa. LEMON, MARY K. 101 Race St., Middletown, Pa. MARTIN, LILY E. BOX 55, Elizabethtown, Pa. MCNALLY, ROMAINE Blawnox, Pa. MONN, O. LARUE Greencastle, Pa. NELSON, B. EARLENE 8 N. 2nd St., Wormleysburg, Pa. RAMBLER, LYDIA G. R. D. 1, Box 225, Johnstown, Pa. RISSER, A. JOY 36 S. Market St., Elizabethtown, Pa. RISSER, A. JOY 36 S. Market St., Elizabethtown, Pa. RIDDY, MARY JANE 1301 E. Market St., Elizabethtown, Pa. RIDDY, MARY JANE 1301 E. Market St., Elizabethtown, Pa. RIDDY, MARY JANE 1301 E. Market St., York, Pa.	BAKER, DOROTHY S	210 E. High St., Elizabethtown, Pa.
Byers, Arletta M. DISNEY, IRENE M. DISNEY, IRENE M. EICHELBERGER, MARY Lewisberry, Pa. ELLENBERGER, VELMA M. EYLER, A. MAUDE FOLEY, JOYCE A. HABIG, MARY E. HESS, PEARL C. GE, High St., Elizabethtown, Pa. KISSLAK, ARLENE C. KRAYBILL, MARIBEL G. R. D. 1, Middletown, Pa. KISSLAK, ARLENE C. STARTHULL, MARIBEL G. R. D. 1, Elizabethtown, Pa. KISSLAK, ARLENE C. STARTHULL, MARIBEL G. R. D. 1, Elizabethtown, Pa. MARTIN, LILY E. MARTIN, LILY E. MONALLY, ROMAINE Blawnox, Pa. MONN, O. LARUE NELSON, B. EARLENE R. D. 1, Middletown, Pa. RONGLLY, ROMAINE Blawnox, Pa. MONN, O. LARUE ROSE, G. R. D. 1, Middletown, Pa. RAMBLER, LYDIA G. R. D. 1, Middletown, Pa. ROSE, G. LURANE R. D. 1, Middletown, Pa. RISSER, A. JOY ROSE, J. JOHNSTOWN, Pa. RISSER, A. JOY ROSE, J. JOHNSTOWN, Pa. ROSE, J. JOHNSTOWN, Pa. RISSER, A. JOY ROSE, JOHNSTOWN, Pa. ROSE, J		
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RISSER, A. JOY	RHODES G I HEANE	R D 1 Roy 225 Johnstown Pa
RUDY, MARY JANE	RISSER A TOV	26 S. Market St. Flingbothtown, Pa.
WOODWARD, FLORENCE C	RUDY MARY LANE	1201 F Morlest St. Vorle Do
WOODWARD, PLORENCE C	WOODWARD FLORENCE C	1012 M 2nd Ct. Hamishung De
	TOODWARD, I DORENCE C	1015 IV. 2nd St., Harrisburg, Fa.

Summary

Number of Students, 1949-1950

	Men	Women	Total
Seniors	88	16	104
Juniors	53	26	79
Sophomores	50	27	77
Freshmen	76	40	116
Special Students	7	5	12
Part-time Students	24	24	48
Intersession, 1949	93	25	118
Summer Session, 1949	128	41	169
Post Session, 1949	88 .	25	113
Total	607	229	836
Names Repeated	249	53	302
Grand Total	358	176	534



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ELIZABETHTOWN COLLEGE

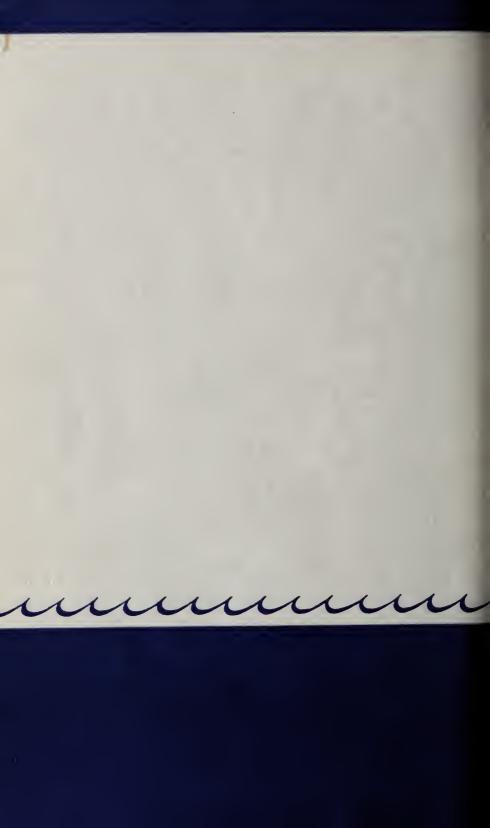
Preliminary Application for Admission

Please fill in all blanks on this application.

				Da	te			•••••
Name of applicant(Please Print)		Name		First Name			Name	
Permanent Address								
	Number an			City			State	
Date of Birth			Place of	Birth				
	Day				City ar			
Sex	Nationality	•••••			Race	•••••		
Name of Parent or Gua	ardian			• • • • • • • • • • • • • • • • • • • •	•••••			
Address of Parent or G	uardian							
		Number	and Stree	et	City		State	
Birthplace of Father				Mother .		•••••		
	Stat	e or Cou	ntry		State	or Co	ountry	
Occupation of Parent o	r Guardian			•••••	•••••••••••••••••••••••••••••••••••••••			
List below the secondar stitutions you have atten		Senior 1	High and	l Preparat	ory Schools)	and	higher	in-
Name of School		Loc	ation		From		To	
a	······							
b	•	•••••		······· •····				
Indicate your vocational	interest bel	ow:						
[] Teaching—Elementar	y field		□ V	eterinary	medicine			
☐ Teaching—Secondary	field		□ N	ursing				
☐ Teaching—Business	subjects		□ L:	aboratory	Technology			
☐ Ministry			□ B	usiness A	dministration			
□ Law			□ Se	ecretarial	☐ two years			
☐ Medicine			□ M	edical Se	cretary			
☐ Dentistry			□ 0	thers				
☐ Osteopathy			□ U	ndecided				
☐ Industrial chemistry								

	Signature of Applicant
	Month Day Year
14.	I hereby apply for admission to Elizabethtown College for the session beginning
13.	Final action cannot be taken on this application until all your records have been review by the Committee on Admissions.
	live in the dormitory.) Resident Non-Resident
12.	Indicate whether you are applying for admission as a resident or a non-resident stude (A student who does not live in his own home is regarded as a resident student and materials and the student are student and materials are student as a student and materials are student as a student are student and materials are student as a student are student as a student and materials are student as a student as a student are stud
	G. I. Bill of Rights? Yes No
11.	Are you a veteran? Yes





LIZABETHTOWN COLLEGE BULLETIN

19511952

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PENNSYLVANIA



CALENDAR

1951

JANUARY	FIBRUARY	MARCH
8 M T W T F 8 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F 8	8 M T W T F S
APRIL	MAY	JUNE
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Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-second Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1950-1951

Announcement of Courses 1951-1952

Vol. XXXVI

April, 1951

No. 4

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1951

Summer Session-1951

JUNE

JUNE

50111		5 drill (day, 12 12 1111111111111111111111111111111
JUNE	25	Monday, 8:00 A. M
JULY	4	WednesdayIndependence Day
August	4	Saturday, 12 M
August	6	Monday, 8:00 A. M
August	25	Saturday, 12 M
		Academic Year 1951-1952
SEPTEMBER	17	MondayFreshman Orientation
SEPTEMBER	18	TuesdayFreshman Orientation
SEPTEMBER	19	WednesdayRegistration
SEPTEMBER	20	Thursday, 7: 40 A. M
SEPTEMBER	21	Friday, 9:30 A. M
October	27	SaturdayFounders'-Homecoming Day
November	21	Wednesday, 12 NoonThanksgiving Recess Begins
November	26	Monday, 12 Noon
DECEMBER	19	Wednesday, 12 Noon
January	2	Wednesday, 12 Noon
January	25	FridaySemester Ends
JANUARY	28	Monday
January	29	Tuesday, 7:40 A. M
April,	10	Thursday, 12 Noon
April	14	Monday, 12 Noon
MAY	23	FridaySemester Ends
MAY	24	SaturdayAlumni Day
MAY	25	SundayBaccalaureate Services
May	26	Monday, 10:00 A. M
		1952
		Summer Session
JUNE	2	Monday, 8:00 A. M
JUNE	21	Saturday, 12 M
June	23	Monday, 8:00 A. M
JULY	4	FridayIndependence Day
August	2	Saturday, 12 M
August	4	Monday, 8:00 A. M

.....Unit III Ends

23 Saturday, 12 M ...

August

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900 for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On Friday, May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- a. That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- b. That a man can give his best only when he keeps his mind as the master of his body.

- c. That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- That life in college calls for hard work and firmness of purpose.
- e. That a college education is regarded not only as "preparation for life" but as life.
- f. That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic beverages is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

Elizabethtown College is located in Elizabethtown, Pennsylvania, a prosperous town of about 5,500 inhabitants in the northern part of fertile Lancaster County, aprly styled the "Garden Spot of the World." The town is a busy, growing place with numerous prosperous industries. The main line of the Pennsylvania Railroad, connecting New York and Chicago by the way of Lancaster and Philadelphia, passes through the town.

Elizabethtown has direct bus connections with Lancaster and Harrisburg. Furthermore, Elizabethtown is located on the main highway connecting the State Capital and Philadelphia through Lancaster. It is situated equidistant from four county seats, Harrisburg, Lancaster, York, and Lebanon. Auto bus lines connect Elizabethtown with the large cities in the eastern part of the United States.

The town is near the Conewago Hills. Its landscape is most charming, and its hills, on one of which the College is located, are beautiful. These features have attracted to this locality the widely-known Masonic Homes, the Patton Trade School, and the Hospital for Crippled Children.

The gorgeous sunsets on the western horizon will ever live in the memory of those who have attended Elizabethtown College. Several miles west of Elizabethtown flows the Susquehanna River, a lordly stream winding among verdant hills.

Trustees of Elizabethtown College

	acces of Billanetines with Control
Term Expire, December	
1951 1951 1951 1952 1952 1952 1953 1953	Rufus P. Bucher Quarryville, Pa. Norman K. Musser Columbia, Pa. Ray A. Kurtz Richland, Pa. S. Clyde Weaver East Petersburg, Pa. Rufus P. Royer East Petersburg, Pa. Howard A. Merkey Manheim, Pa. J. W. Kettering Elizabethtown, Pa. F. S. Carper Palmyra, Pa.
	Southern Pennsylvania
1951 1952 1953 1953	Chester H. Royer York. Pa. Jacob L. Miller York, Pa. N. S. Sellers Lineboro, Md. G. Howard Danner Abbottstown, Pa.
	Nominated by the Alumni Association
1951 1952 1953	John M. MillerLititz, Pa.Rufus K. EbyPalmyra, Pa.Horace A. RaffenspergerElizabethtown, Pa.
	Nominated by the Board of Trustees
1951 1951 1951 1952 1952 1952 1953 1953	J. Linwood Eisenberg Shippensburg, Pa. Samuel S. Wenger Lancaster, Pa. Philip R. Markley Norristown, Pa. Paul M. Grubb Elizabethtown, Pa. Jacob K. Garman Elizabethtown, Pa. J. Adlus Rinehart West Englewood, N. J. Joseph N. Cassel Fairview Village, Pa. John F. Sprenkel York, Pa. President A. C. Baugher is a member of the Board
1	by virtue of his office.
aftern	ard holds two regular meetings each year, the one on the oon of Commencement Day, and the other on the second day in October.
	Executive Committee
J. L. Mn	RUFUS P. BUCHER J. W. KETTERING JOHN M. MILLER LINWOOD EISENBERG SAMUEL S. WENGER
	Finance Committee
N. K. M	F. S. CARPER JOHN F. SPRENKEL
	Equipment Committee
K. Ezra J The	ACOB K. GARMAN S. CLYDE WEAVER Chairman of the Board is member ex-officio of all committees.
<i>c</i> , .	Officers of the Board

[7]

Secretary, J. W. KETTERING Treasurer, K. EZRA BUCHER

Chairman, R. P. BUCHER Vice-Chairman, J. L. MILLER

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College; A.B., Elizabethtown College; B.S., Franklin and Marshall College; M.S., University of Pennsylvania; Graduate Student, Columbia University; Ph.D., New York University; LL.D., Franklin and Marshall College.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College; Ed.M., Temple University; Ed.D., Temple University; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College; Student, Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College; A.M., University of Pennsylvania; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College; Art Student, Albright College and Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College; Graduate Eastman Business College; A.B., Juniata College; A.M., Columbia University; Graduate Student, Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabetbtown College; A.B., Ursinus College; A.M., Ursinus College; Litt.D., Ursinus College; Student, Bethanv Biblical Seminary; Completed Ph.D., residence requirements, Columbia University; Graduate Student, University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh; M.S., University of Pittsburgh; Ph.D., University of Pittsburgh.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Pennsylvania State College.

FREDERICK C. NEUMANN

Professor of Languages

Ph.D., (Language) University of Vienna; Ph.D., (Political Science) University of Vienna; Graduate Student, University of Prague, University of Bristol and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music-Piano, 1919; Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M. Mus, Northwestern University, 1947; Student Columbia University and Juilliard School of Music, Summer, 1950.

ELMER B. HOOVER

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College; M.Ed., Pennsylvania State College; Graduate Student, Pennsylvania State College.

GALEN C. KILHEFNER

Associate Professor of Sociology and Psychology

B.S., Elizahethtown College; Ed.M., Temple University; Graduate Student, University of Pennsylvania.

CARL E. HEILMAN

Associate Professor of Mathematics and Physics

A.B., Lebanon Valley College; A.M., Duke University; Graduate Student, University of Chicago, Syracuse University.

EPHRAIM GIRREL MEVER Y

Reference Librarian

Pd.B., Elizabethtown College; A.B., Elizabethtown College; Graduate, Music Teachers' Course; Student, American Conversatory of Music, Chicago; A.M., Columbia University; Diploma, Teacher of Public School Music, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College; A.M., Columbia University; Graduate Student, Columbia University.

MAHLON H. HELLERICH

Associate Professor of History

A.B., Muhlenberg College; A.M., Columbia University; Graduate Student, Temple University and University of Pennsylvania.

ROBERT F. ESHLEMAN

Associate Professor of Business Education and Sociology

B.S., Elizabethtown College; B.D., Bethany Biblical Seminary; M.S., University of Illinois; Ph.D., Cornell University.

K. EZRA BUCHER

Treasurer and Business Manager, Assistant Professor of Business Education

B.S., Elizabethtown College; Student, Lebanon Valley College; M.S., New York University.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers College; B.S.L., Columbia University.

EBY C. ESPENSHADE

Associate Director of Admissions and Alumni Secretary

B.S., Elizabethtown College; M.Ed., Pennsylvania State College; Graduate Student, Duke University.

Bessie D. Apgar

Assistant Professor of Biology

A.B., Muskingum College; M.S., University of Pittsburgh; Ph.D., University of Pennsylvania.

FRANK S. KUGLE

Assistant Professor of Business Education

B.S., Drexel Institute of Technology; C.P.A.

IRA R. HERR

Director of Athletics and Instructor in Physical Education

A.B., Franklin and Marshall College; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

Toseph H. Dodd

Instructor in Physical Education and Dean of Men

B.S., Elizabethtown College.

ELEANOR M. HOLLIS

Instructor in Business Education

A.B., Cedar Crest College; A.M., Boston University.

ROBERT A. BYERLY

Instructor in Bible

A.B., Oklahoma A. & M. College; B.D., Bethany Biblical Seminary; A.M., Butler University; Graduate Student, Garrett Biblical Institute.

KATHRYN HERR

Instructor in French

A.B., Lehanon Valley College; Graduate Student, French Institute of Pennsylvania State College and Temple University.

ELINOR B. NEUMANN V

Instructor in German

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westbampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of the Orchestra

B.S. in Music, West Chester State Teachers' College.

HARRY M. BOOK V

Part-time Instructor in Art

Millersville Normal School; A.B., Pennsylvania State College; M.A., Columbia University; Graduate Student, Grand Central School of Art, New York.

SAMUEL S. WENGER

Special Lecturer in Law

A.B., Elizabethtown College; A.M., Temple University; LL.B., Temple University; Memher, Lancaster County Bar.

CHARLES E. WEAVER

Special Lecturer in Medical Laboratory Technique

B.S., Elizabethtown College; M.D., Hahnemann Medical College; Member, Lancaster General Hospital Staff.

STANLEY VON NIEDA

Coach of Basketball

Pennsylvania State College.

Officers of Administration

A. C. BAUGHER, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D. Dean of the College

Administration—A. C. Baugher, Henry G. Bucher, K. Ezra Bucher Admissions and Personnel—Henry G. Bucher, Vera R. Hackman, Galen C. Kilhefner, Eby C. Espenshade, Joseph H. Dodd Curricula and Credits—Henry G. Bucher, R. W. Schlosser, Charles S. Apgar, Mahlon H. Hellerich, Frank S. Kugle Housing—K. Ezra Bucher, Vera R. Hackman, Joseph H. Dodd, Carrie Ellis	K. Ezra Bucher, B.S., M.S Treasurer and Business Manager Vera R. Hackman, A.B., A.M
Social Activities—Vera R. Hackman, Joseph H. Dodd	Administration—A. C. Baugher, Henry G. Bucher, K. Ezra Bucher Admissions and Personnel—Henry G. Bucher, Vera R. Hackman, Galen C. Kilhefner, Eby C. Espenshade, Joseph H. Dodd Curricula and Credits—Henry G. Bucher, R. W. Schlosser, Charles S. Apgar, Mahlon H. Hellerich, Frank S. Kugle Housing—K. Ezra Bucher, Vera R. Hackman, Joseph H. Dodd, Carrie Ellis Religious Activities—Nevin H. Zuck, Robert A. Byerly, A. C. Baugher

HEILMAN

Library—ALICE S. HEILMAN, R. W. SCHLOSSER, FRREDERICK NEUMANN

Athletics—K. Ezra Bucher, Ira R. Herr, Joseph H. Dodd, Eby C. Espenshade, Stanley Von Nieda, President and Secretary of the Athletic

Lyccum-E. G. MEYER, K. EZRA BUCHER, MAHLON H. HELLERICH, CARL E.

HACKMAN.

Placement—Galen C. Kilhefner, Henry G. Bucher, Charles S. Apgar, Eby C. Espenshade, Elmer B. Hoover, Frank S. Kugle Publications—Administrative Committee, Eby C. Espenshade, Vera R.

Association

Health—O. F. Stambaugh, Ira R. Herr, K. Ezra Bucher, Charles E. Weaver, Vera R. Hackman, Joseph H. Dodd, and Student Nurse

Academic Regulations

Admission of Students

The Committee on Admissions and Personnel attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of fifteen Carnegie units of secondary school work.

The minimum requirements for admission to the freshman class are:

English3 units	Science	unit
History and Social Studies 2 units	Mathematics2	units
Language 2 units		

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions and Personnel, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Dean of the College for an application blank.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in

which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

Fields of Interest*

Students may concentrate in the following fields:

- 1. Language and Literature English, German, French, Spanish, Latin
- 2. Sciences and Mathematics
 Biology, Chemistry, Mathematics
- 3. History and Social Science
 History, Sociology, Economics, Bible, Philosophy, Psychology
- 4. Education
 Elementary and Secondary
- 5. Business

Business Administration, Secretarial Science, Accounting, Business Education

Each student shall choose a field of interest not later than the beginning of the sophomore year, or in the freshman year by the permission of the Dean of the College. This program shall consist of twenty-four to thirty-six hours, according to the number of related courses. It shall be centered around a core subject with a minimum of eighteen hours and a maximum of thirty-six hours.

All candidates for a degree must complete a minimum of six semester hours each in at least the first three fields.

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his core subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the core, shall be three.

Majors for A.B. in Liberal Arts

- English Major—English, twenty-four hours exclusive of English Composition.
- History and Political Science—History and Political Science, twenty-four hours.
- French—A major in French consists of eighteen to twenty-four hours.
- Spanish—A major in Spanish consists of eighteen to twenty-four hours.
- German—A major in German consists of eighteen to twenty-four hours.
- Bible and Philosophy—A major in this field consists of twenty-four hours.
- Mathematics—A major consists of eighteen to twenty-four hours, depending upon the work covered in high school.
- Sociology and Psychology—A major in these fields consists of eighteen hours and twelve hours respectively, or eighteen of psychology and twelve of sociology.

Majors for B.S. in Science

- Biology Major—Eighteen to twenty-four semester hours beyond Biology 10 a-b.
- Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.
- Chemistry Major—Eighteen to twenty-four semester hours beyond Chemistry 10 a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours and six hours of Economics.

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

B.S. in Education

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select wisely his field of concentration. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Grades and Reports

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F. I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five point deficiency occurs, the dean will call the student for a conference. Upon a fifteen point deficiency, the student is warned that there

must be improvement during the next semester.

At the end of the semester in which a student receives his second warning he must have reduced his deficiency in order to continue in college.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality

points.

In order to be eligible for graduation, students must have quality points equal in number to the semester hours required for the degree. Quality points are determined as follows:

Grade	Quality Points per s. h.
A	3
В	2
C	1
D	0

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of eight semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

Only grades earned at Elizabethtown College will be used in determining whether a student will be graduated with honors.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

For every 18 clock hours of absences from classes one semester hour of credit shall be deducted from the course in which the greatest number of absences has occurred.

Absences incurred on account of exigencies such as service, illness of the student, the death of a relative, duty away from college as an official representative of the institution, substitute teaching, or approved field trips, are counted at one-half the above rate. Illness is recognized as such only by physician's signature.

Absences from chapel are counted at the same rate as class absences.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The Faculty Committee on Admissions administers the regulations concerning absences.

All students are expected to attend religious services each Sunday in the church of their choice. Students are also urged to attend the regular midweek vespers conducted at the College and to participate in the many other types of religious activities.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

Dasar.	
English—Composition and Literature Philosophy	
At least two of the following:	,
History of Philosophy Ethics History Psychology	
At least one of the following:	
Latin French German Spanish	12-16 S. H.
Natural Sciences—Physical or Biological Social Sciences	4- 6 S. H. 4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English Major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Courses Required for the A.B. Degree in Liberal Arts

Freshman Year	Semeste 1st	r hours 2d
rresnman 1 ear	Sem.	Sem.
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education*	3 2 2 3 3 2 1	3 2 2 3 3 2 1
Total	16	16
Sophomore Year		
English Literature Modern European History Language Economics or Sociology Science Electives †	3 2 3 3 4 2	3 2 3 3 4 2
Total	17	17
Junior Year		
Literature History of the United States and Pennsylvania Speech Bible Electives* Education* Economics History Language Sociology	2 3 2 9	2 3 2 9
Total	16	16
Senior Year		
Philosophy Ethics American Government Electives † Bible Education † English	3 12-14	3 3 9–11
History and Political Science Sociology		
Total	15–17	15–17

^{*}Two years Physical Education required, † Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

This course which leads to the degree, Bachelor of Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3-6 S. H.
Psychology or logic	3-6 S. H.
Adv. math., including algebra and trigonometry.	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a one-year pre-engineering course. This permits students to study the fundamental subjects of the first year, such as English, biology, mathematics, physics, chemistry, language and history with the advantages of small classes and of personal contact with professors.

Affiliations with some of the leading engineering schools have been worked out so that students who take their freshman year at Elizabethtown College can usually complete their engineering course without extra time. Students should in each case ask the Dean to secure from the school which the student expects to enter full approval of his program of studies.

Pre-nursing

In this, as in all other science fields, the past decade has witnessed a strong trend toward broadening the preparation for nurses. The three-year regulation course of the hospital school admits high school students, but prefers women with at least some collegiate experience. In many cases the best positions in this profession are reserved for college graduates. A number of colleges now offer graduate training in nursing, following the bachelor's degree.

Students who can remain in college no longer than two years should follow the program given in the freshman and sophomore years in the B.S. in Science curriculum. Those able to complete four years as college undergraduates should conform generally to the pre-medical program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

Courses Required for the B.S. Degree in Science

Freshman Year	Semester 1st Sem.	r hours 2 d Sem.
English Composition History of Civilization Language Chemistry Mathematics Psychology Physical Education	3 2 3 4 3 2 1	3 2 3 4 3 2 1
Total	18	18
Sophomore Year		
English Literature Mathematics Economics or Sociology Language Science Bible	3 3 3 4 2	3 3 3 4 2
Total	18	18
Junior Year		
History of the United States and Pennsylvania Speech Science or Mathematics Physical Education Electives* Education* Language Mathematics Science Sociology	3 2 4–3 1 6	3 4–3 1 8
Total	15–16	15–16
Senior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Electives* Education* History and Political Science Mathematics Science Sociology	3 2 7	3 3 3 6
Total	15	15

^{*} See footnote on page 21.

Requirements for the Degree of B.S. in Medical Technology

Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
English Composition General Psychology Chemistry* College Algebra	3 2 4 3	3 2 4
Trigonometry Bible Typewriting Physical Education	2 2 1	3 2 2 1
Total	17	17
Sophomore Year		
English Literature General Biology* Qualitative Analysis* Quantitative Analysis* Physical Education	3 4 5	3 4 5 1 4
Physics Total		17
Junior Year		
History of the United States and Pennsylvania Introduction to Philosophy	3	3
Ethics Histology Bacteriology	4	3
Bible American Government	2	3
Electives	5	4
Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

Students who can devote only two years to college study will be required to include the science courses above marked with an asterisk.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 s.h. including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.
Practice Teaching in the appropriate field	6 S. H.

Secondary Education Elementary Education Special Methods Hygiene Educational Measurements Educational Sociology History of Education Principles of Education

Visual Education

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Course Requirements for the B.S. Degree in Education

Freshman Year	Semester 1st Sem.	r hours 2d Sem.
English Composition Bible History of Civilization General Psychology Introduction to Education Physical Education	3 2 2 2	3 2 2 3 1
Electives—Either A or B		
A. For Elementary Field *		
Public School Music Physical Science Teaching of Reading Teaching of Geography	2 3 3	2 3 3
B. For Secondary Field (any two subjects)		
Science Languages Mathematics	4 3 3	4 3 3
Total	16–18	17–18
Sophomore Year		
English Literature Bible Physical Education	3 2 1	3 2 1
Electives—Either A or B		
A. For Elementary Field		
Curriculum in Arithmetic Child Psychology Teaching of Health and Hygiene Teaching of Public School Art General Biology	3 2 2 4	3 2 2 4
B. For Secondary Field (elect from fields of interest)		
Modern European History Biology, Chemistry, or Physics Mathematics Languages Principles of Economics Sociology	2 4 3 3 3 3	2 4 3 3 3 3
Total	17	17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Junior Year	Semeste 1st Sem.	r hours 2d Sem.
History of the United States and Pennsylvania Educational Psychology Educational Measurements Sociology	3 3	3
Speech	3	2 2
Electives—Either A or B		
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of English	3	2 2
Electives	5	3
B. For Secondary Field		
Methods in Secondary Education Others selected from field in which student expects to teach		3
Total	17	17
Senior Year		
History of Philosophy Ethics American Government History of Education	3	3 3 3
Electives—Either A or B A. For Elementary Field *		
Principles of Elementary Education	2 6	
B. For Secondary Field		
Principles of Secondary Education Practice Teaching	2 6	
Electives	3	9
Total	14	18

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers courses as follows:

Four-year: Business Administration and Secretarial Science

Two-year: Secretarial and Medical Secretarial

The purpose of the curricula in Business is to provide a thorough and systematic training in the fundamentals of business, thus giving the student an intelligent understanding of business principles. No student is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural and humanitarian aspects of the world, as well as with science. Therefore, the curricula contain courses in liberal arts, in scientific subjects, and also courses which give adequate training in technical subjects.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

Since thorough training in fundamentals is the aim, no student may omit the foundation courses in economics, economic history, accounting, money and banking, corporation finance, and the like. While no student is allowed to devote his entire time to business subjects, every student has an opportunity, in the last three years, to concentrate his efforts in some special field of business.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in statistics are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, advertising, salesmanship, business organization and management, statistics, and the like. Training in merchandising calls for courses in marketing, merchandising, retailing, and advertising, as well as business law, English, and psychology.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition	3	3
Bible	2	2
Accounting	3	3
General Psychology		
History of Civilization	2 2	2 2
Mathematics (including Business Math.)	3	3
Physical Education	1	1
I hysical Education		
Total	16	16
Sophomore Year		
Literature	3	3
Accounting	3	3
Science	4	4
Principles of Economics	3	3
Physical Education	1	ĭ
Electives	3	3
Licely CS		
Total	17	17
Junior Year		
History of the U. S	3	3
Human and Economic Geography	3	3
Business Law	3	3
Speech	2	
Accounting	3	
Corporation Finance		3
Bible		2
Electives	2	2
Total	16	16
Senior Year		
Introduction to Philosophy	3	
Ethics		3
Business Statistics	3	
American Government		3
Salesmanship		3
Money and Banking	3	
Electives	7	7
Total	16	16

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent commercial teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of commercial teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

This curriculum complies fully with the Pennsylvania State requirements for commercial teaching in secondary schools, and a Provisional College Certificate is granted by the State to graduates of this course.

The Pennsylvania State Department of Education will grant the Provisional College Certificate upon the completion of the following minimum number of hours in the subjects listed:

Bookkeeping and Accounting	12 S. H.
Commercial and Economic Geography	6 S. H.
Commercial Law	6 S. H.
Commercial Mathematics	3 S. H.
Office Practice	3 S. H.
Salesmanship	3 S. H.
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	3 S. H.
Economics	6 S. H. 12 S. H.
Business English requires: (a) Twelve semester hours	_
lish, plus (b) not less than two semester hours in	Busines s

Provisions to meet the professional requirements for a certificate to teach in the public schools of Pennsylvania and neighboring states are made through required courses in the different years and the opportunity to elect courses. See outline of requirements for Pennsylvania Certificate on page 28.

English or Correspondence.

Requirements for the Degree of B.S. in Business Education

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition General Psychology Accounting Shorthand * Typewriting * Mathematics of Business Introduction to Education	3 2 3 3 2 3	3 2 3 3 2
Physical Education	1 17	1 17
Sophomore Year		
English Literature Shorthand Accounting Typewriting Business Correspondence Secretarial and Office Practice Principles of Economics Physical Education	3 3 3 2 2 2 3 1	3 3 3 2 3 1
Total	17	18
Junior Year		
History of the United States and Pennsylvania Human and Economic Geography Business Law Educational Psychology Methods of Business Education Science Speech Visual Education	3 3 3 3 4 2	3 3 3 4 2
Total	18	18
Senior Year		
Introduction to Philosophy Ethics Principles of Education Bible	3 2 2	3 2
Practice Teaching American Government Electives	6 0	3
Total	13	18

^{*} Students who have had shorthand and typewriting hefore coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a deadening routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. The first two years may be so arranged with the proper choice of electives that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration or Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Foreign Language (Spanish recommended)	12 S. H.
Science	8 S. H.
Mathematics	
Business Administration	24 S. H.
History or Sociology	9 S. H.

Requirements for the Degree of B.S. in Secretarial Science

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition	3	3
General Psychology	2	2
Shorthand *	3	3
Typewriting *	2	2
Accounting		3
Mathematics of Business	3	
Science	4	4
Physical Education	1	1
Total	18	18
Sophomore Year		
English Literature	3	3
Bible	•	2
Secretarial and Office Practice	2	2
Shorthand	3	3
Typewriting	2	
Business Correspondence		3
Principles of Economics	3	3
Physical Education	1	1
Electives	3	0
Total	17	17
Junior Year		
History of the United States and Pennsylvania	3	3
Human and Economic Geography	3	3
Business Law	3	3
Bible	2	2
Speech	2	
Electives	4	6
Total	17	17
Senior Year		
Introduction to Philosophy	3	
Ethics	•	3
American Government		3
Electives	13	10
Total	16	16

^{*} Students who had had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

Freshman Ycar	Semeste 1st Sem.	er hour: 2d Sem.
English Composition	3	3
Elementary Shorthand *	3	3
Elementary Typewriting *	3 2	2
Mathematics of Business	3	_
Introduction to Accounting	U	3
General Psychology	2	
	2	2 2
		2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Shorthand	3	3
Advanced Typewriting	2	0
	2	
Intermediate Accounting	3	2
Business Correspondence		3
Secretarial and Office Practice	2	2
Principles of Economics	3	3
Electives	2	4
Total	18	18

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

A heavily increasing demand for specially trained persons to act as secretaries for physicians, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. A suggested curriculum is as follows:

Freshman Year	Semeste 1st Sem.	er hours 2d Sem
English Composition	3	3
Shorthand *	3	3
Typewriting *	2	2
General Chemistry	4	4
Bible	2	2
2.0.0	4	4
General Biology	4	4
Total	18	18
Sophomore Year		
Secretarial and Office Practice	2	2
Advanced Typewriting	2	_
Business Correspondence	_	3
Office Nursing Technique	3	v
Medical Terminology	2	
Medical Secretarial Science	2	2
Psychology	2	2 2
	2	4
Bacteriology	•	4
Speech	2	
Physical Education	1	1
Suggested electives: Social Science, English, Psychology	3	3
Total	17	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	. 6
General Psychology	
Educational Psychology	
Religious Education	. 3
Audio-Visual Education	. 2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession, a six-week Summer Session, and a three-week Post Session.

The Intersession and the Post Session are organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During each of these short sessions a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn twelve semester hours of credit toward a degree by attending the three sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such part-time campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. These courses may partake of the nature of any of the areas represented in the curricula presented in this catalog depending upon the demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

Mr. Byerly and Miss Martin

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b The History of Christian Thought—A study of Christian thought from the second century to the present day, considering those religious leaders who have made outstanding contributions to the Christian tradition.

Three hours ber week

3 credits

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week

2 credits

31b Apostolic Christianity—The establishment of the Christian Church and the spread of Christianity as found in the Acts of the Apostles and in the Epistles are studied.

Two hours per week

2 credits

40ab General Bible Doctrine—The entire course will center in the doctrine of redemption. Some of the topics treated are God, man, sin, the Scriptures, and various phases of the great doctrine of salvation. A few specific doctrines of the New Testament are studied during the second semester.

Two hours per week

4 credits

B. Religious Education

10a Principles and Administration of Religious Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in the Church School—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

33ab History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Two hours per week

4 credits

Biology

Professor Charles Apgar, Dr. Bessie Apgar, and Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure,

function and life histories of representative animals and plants. It should be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week

Laboratory fec, \$5.00 per semester 8 credits

13a Medical Terminology—This course is designed to acquaint students with the terminology required in case history records, examiner's reports, clinical records, autopsy protocols, insurance forms, and reports required by various relief agencies. While given primarily for medical secretaries, it is recommended as an elective for laboratory technician students. Given in alternate years. Not offered 1950-1951.

Two hours per week

2 credits

21a Office Nursing Technique—This course is designed to acquaint the student with the nursing problems as found in a physician's office. Instruction is given in medical history taking, preparation of patients for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Does not count toward a major in biology.

Laboratory fee, \$5.00

Two hours recitation and a minimum of two hours laboratory per week

3 credits

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advance study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week
4 credits

30b Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fce, \$6.00

Two hours lecture and a minimum of four hours laboratory per week

4 credits

31b General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30b

Two hours recitation and a minimum of two hours laboratory per week

3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years. Not offered 1950-1951.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

41b Microbiology (Bacteriology)—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific prob-

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

Histology—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

Business

Associate Professor Eshleman, Assistant Professors BUCHER AND KUGLE, MISS HOLLIS, AND MR. WENGER

Accounting

11ab Principles of Accounting-This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation; operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week 6 credits

20a Corporation of Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

20b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

30a Intermediate Accounting—This course is an advanced study of accounting principles. Special emphasis will be placed upon working papers; financial statements; valuation of assets; funds and reserves, and application of funds. The course study is supplemented by solving related to the above subjects.

Two hours lecture and two hours laboratory per week

3 credits

41b Advanced Accounting—This course follows the general outline of the course in intermediate accounting. Special emphasis will be placed upon advanced study of accounting for partnership organization and liquidation; consignments; receiver's accounts; estates and trusts, and consolidations. Practical problems will be used to supplement the above study.

Two hours lecture and two hours laboratory per week

3 credits

43a Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Two hours lecture and two hours laboratory per week

3 credits

44b Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analyses and considerations, systems of inter-

nal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

11a Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedure used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as: Calculation and use of percentages, interest, chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

6 credits

24a Principles of Merchandising—This course considers sales policies and techniques of operation in the field of distribution. Current practices in merchandising and salesmanship are studied and correlated. Specific topics covered include channels of trade, governmental controls and restraints, and the purposes and techniques of the consumer approach in distribution.

Two hours per week

2 credits

25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Two hours per week

2 credits

31b Corporation Finance—The aim of this course is to acquire an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

35b Office Management—A study of the policies, systems, practices used to promote the effective utilization of the office functions. Special emphasis will be placed upon organization; office practices; office building and equipment; office personnel and supervision; executive control of office work. Practical problems will be used to supplement the above study.

36b Personnel Administration—Principles and procedures in handling personnel problems, diagnosing organizational stability, building and maintaining work teams, wages and hours, and employee services and programs are presented and discussed. Emphasis is placed upon individual self-realization for maximum labor efficiency and productivity.

Three hours per week

3 credits

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

Economic History of the United States—(Same as History 31a).

Three hours per week

3 credits

40a Money and Banking—This course provides a general introduction to the monetary system, banking and credit institutions and methods of financing.

Three hours per week

3 credits

41a Insurance—A survey of the principles and practices of insurance is made relative to an analysis of fire, casualty and life situations which arise to create needs for insurance. The study includes a consideration of coverages as well as problems of organization, regulation and control of the insurance industry.

Three hours per week

42b Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

44b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, skewness, time series, the business cycle, and the like.

Three hours per week

3 credits

46b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships and procedures for the alleviation of tension, alternatives to force, and the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

Secretarial Science

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulation, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$5.00 per semester Four hours per week

4 credits

14b Medical Secretarial Science—This course is designed to acquaint the students with the principles of medical ethics and medical economics, with organizational plans for payment of medical services, and with specialized duties of the physician's office. Instruction is given in receiving patients, in making appointments, in handling correspondence, in making reports, in filing, billing, and in keeping accounts for physicians.

Two hours per week

2 credits

15a Introduction to Business—The work of this course is designed primarily for students in the commercial teaching curriculum, and consists of lectures, problems, and practical projects which will orient the student in the field of commercial teaching. Teaching procedures will be stressed.

Three hours per week

3 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$5.00 per semester Three hours per week

2 credits

23ab Advanced Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

25ab Secretarial and Office Practice—Secretarial duties common to all lines of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises, the student is enabled to deal intelligently and efficiently with everyday business problems. The duties and the personal qualifications of an office worker are considered. Special attention is given to the handling of outgoing and incoming mail, filing, editing, and proofreading, the duties of a receptionist, itineraries, the transportation of goods, the study of business ethics, and the use of reference books, as well as practical work in interviewing. There is instruc-

tion and practice also in the use of modern office machines, such as the Comptometer, the Monroe, the Sundstrand, the Burroughs, Friden's, stencil and liquid duplicators, mimeoscope, Ediphone, electric typewriters, and PBX.

Fee, \$4.00 per semester

One hour recitation and two hours laboratory per week

4 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

Methods in Business Education—Same as Education 34b.

43b Cooperative Office Training—This is a laboratory course designed to develop initiative on the part of the secretary. Whenever possible, the student will be given the opportunity to obtain part-time service in a business or professional office.

Eight hours per week

4 credits

Chemistry and Geology

PROFESSOR STAMBAUGH AND PROFESSOR BAUGHER

10a-b General Chemistry—This course aims to familiarize the student with the fundamental laws and principles of chemistry. A careful study is made of the metals during the second semester.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week 8 credits

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00 per semester
Three hours recitation and six hours laboratory per week 5 credit

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic com-

pounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00 per semester
Two hours lecture and a minimum of eight hours laboratory per week
5 credits

44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fee, \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week 8 credits

12a Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week

4 credits

Education

Professors Bucher, Apgar, Associate Professors Hoover and Kilhefner, and Mr. Book

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week 3 credits

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from

the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

12ab Fine Art-Oil Painting—This course is planned to develop skill and appreciation for landscape, portrait and still life.

Two to four hours per week

4 credits

13ab Public School Music—This course aims to help the prospective teacher in the elementary school to sing with good intonation, quality, and interpretation; to acquire a representative repertoire of rote songs; to master tonal and rhythmic dictation problems; to sing at sight; and to master elementary theory (clefs, keys, meter, etc.).

Two hours per week

4 credits

14b Teaching of Reading—This course includes aims, materials and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied. Projects, activity units, and demonstrations are used to supply worthwhile experiences. Diagnosis of reading difficulties is followed by a study of remedial measures. Basic and supplementary textbooks are evaluated.

Three hours per week

3 credits

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment and aims to coordinate fundamental principles of geography. Students get training in the organization and the presentation of geographic maps, graphs, diagrams, testing, etc.

Three hours per week

3 credits

21a Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week

3 credits

25b Teaching of Secondary Mathematics—This course begins with the study of The Slide Rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public Achool Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$2.00 per semester Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main lines emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31b Methods of Secondary Education—This course is designed to prepare students for practice teaching. It includes a study of the fundamental problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and measuring outcomes.

Three hours per week

3 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter. Many of the aids will be made or collected and their use demonstrated during the course.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the commercial subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35b Teaching of English—This course includes a study of the objectives, content and methods of teaching language, composition,

grammar, and other English work in the elementary school. Teaching of poetry and other literature for appreciation is also stressed.

Two hours per week

2 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and sufficient knowledge of statistics to use them intelligently.

Fee, \$3.00

Three hours per week

3 credits

40b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Principles of Secondary Education—The large phases of this course consist of the philosophy of education; the bases of education, biological, psychological, sociological, and historical; and American educational practices including administrative organization, individual differences, and present trends and problems.

Two hours per week

2 credits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools. Special attention is given to lesson plans, classroom technique, discipline, and measuring results. Conference discussions are held at least twice a week. This course must be taken parallel with either Education 41a or 42a.

(The student teacher is required to provide for his own transportation) Fee, \$25.00

Six hours per week

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education. May be applied toward permanent certification.

Three hours per week

3 credits

English

PROFESSOR SCHLOSSER, ASSOCIATE PROFESSOR HACKMAN, AND MRS. HEILMAN

20ab Composition—A study of the fundamentals of effective English through their practical application in oral and written themes, through class discussion, and through individual conferences constitutes the main aspects of this course.

Three hours per week

6 credits

22ab English Literature—This is an historical survey of English literature from Beowulf to Kipling. Illustrative readings in and outside the classroom constitute an important part of this course.

Three hours per week

6 credits

25a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures. Three hours per week 6 credits

30a The Romantic Movement—The decadence of Classicism, the beginnings of Romanticism, the chief characteristics of the Romantic Movement, the influence of Rousseau, and a discussion of Wordsworth, Coleridge, Scott, Byron, Keats, and Shelley comprise the main phases of this course.

Two hours per week

31a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week

2 credits

32b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Three hours per week

3 credits

33b The Development of the English Novel—A survey of English prose fiction from Defoe to Hardy with a detailed study of several of the leading writers of this form of English is made.

Two hours per week 2 credits

34a Argumentation—Lectures on the principles of argumentation and on the theory and practice of debating are presented. Practice in various types of debating is provided for each student. Two hours per week 2 credits

35b Victorian Poetry—Backgrounds of the period are presented. The course emphasizes Tennyson, Browning, and other authors.

Two hours per week

2 credits

36b The English Essay—The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Three hours ber week

3 credits

37a Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustration for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours per week

3 credits

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative read-

ing of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week

4 credits

42a Contemporary Drama—This course includes masterpieces of American, British, and Continental drama excluding the plays of Shakespeare.

Three hours per week

3 credits

43b English Workshop—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects. Three hours per week

3 credits

History and Political Science

Associate Professor Hellerich

A. History

10ab History of Civilization—This course is a brief survey of the major civilizations from ancient times to the beginning of the modern period. Social, cultural, religious, political and economic aspects are considered. Required of all freshmen in both semesters.

Two hours per week

4 credits

20ab Modern European History—This course offers a survey of the major political, economic, social and cultural developments in Europe from 1500 to 1914. Special attention is given to some of the larger movements.

Two hours per week

4 credits

23b Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week 3 credits

33a History of Pennsylvania—This course is a study of the political, economic, social and cultural development of Pennsylvania intended to acquaint the student with the basic movements in the history of Pennsylvania.

Three hours per week

3 credits

34b Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

40a Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States. To be given in alternate years.

Three hours per week

3 credits

41b Latin' American History—This course surveys the major historical developments in the Latin American nations from the age of discovery to the present time. To be given in alternate years.

Three hours per week 3 credits

43b Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period from 1914 to the present. Special emphasis is placed on North America and Europe; a less detailed study is made of South America, the Pacific area, Asia and Africa. Political and economic aspects of recent history provide the fundamentals of this survey. To be given in alternate years.

Three hours per week

3 credits

B. Political Science

42b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government, but with some consideration of Pennsylvania state and local government.

Three hours per week

3 credits

44a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Latin

10a-b Virgil—The Æneid may be taken for college credit. The course aims at an appreciation of this famous masterpiece of literature. Attention will also be given to English word-building from the Latin words of the text, and also to Latin prose composition.

Three hours per week

6 credits

20ab Cicero—De Senectute, De Amicitia; Pliny—Letters; Ovid—Metamorphoses.

Three hours per week

6 credits

30ab Horace—Odes and Epodes; Plautus and Terence—Selected plays.

Three hours per week

6 credits

40ab Livy—Books I and XXI; Tacitus—Agricola and Germania; Suetonius—Selections.

Three hours per week

6 credits

Greek

10b This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the connected narrative of Zenophon's Anabasis intelligently and with pleasure.

Three hours per week

6 credits

Esperanto*

What is Esperanto and who uses it? Esperanto is an international language and much easier to learn than the average national language. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problem of international understanding.

Grammar, reading, and above all conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed.

Three hours per week

^{*} In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

French

10a-b Elementary Course—This course is designed for students beginning French in college. Grammar, reading, and dictation are stressed. Does not count toward a major in French.

Three hours per week

6 credits

20ab Intermediate Course—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

31ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-Beauve and several twentieth century authors are given special attention.

Three hours per week

6 credits

41ab French Conversation and Advanced Composition— This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)

Three hours per week

6 credits

German

10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and reading of plays and novels.

Three hours per week

30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week

6 credits

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours per week

6 credits

Spanish

10a-b Elementary Course—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

20ab Intermediate Course—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Masterpieces of Spanish Literature—This course enables the student to read intelligently the great authors of Spain.

Three hours per week 6 credits

40ab Literature—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

Mathematics

Associate Professor Heilman

10a *Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics or those who need review in such areas, and covers the basic principles of all the courses which should be offered as prerequisites for college algebra. This course cannot be used as credit toward a major in mathematics.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

^{*} Does not count toward a major.

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

3 credits

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisites: Mathematics 20a

Three hours ber week

3 credits

23b Theory of Equations—This course continues the work in algebra with emphasis on such topics as, theory of equations, complex numbers, determinants and matrices, etc., including applications. A knowledge of analytic Geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

25a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces the essential topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

(Offered if demand warrants)

Three hours per week

3 credits

Teaching of Secondary Mathematics—Same as Education 25b.

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisites: Mathematics 30a

Three hours per week

3 credits

41b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

(Offered if demand warrants)

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

42a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Mathematics 11a and 12b. Fee, \$2.00

Three hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, AND MR. HERR

Students may elect 20 semester hours credit in music toward the B.A. degree. Piano and voice with one lesson per week and with a minimum of 5 hours practice count for one semester hour credit per year. Chorus, glee club, and other ensemble work receive credit as indicated below.

Students who plan to take music should consult the advisers during registration week. All students who desire credit in music should be able to sing or play at sight a selection of hymn or folk song difficulty, and be able to do the work of the preparatory course in piano and voice.

Students desiring credit for practical music in excess of 2 semester hours shall match such credit in practical music with an equal number of semester hours in theory, history, or appreciation of music.

A. Technic of Musical Performance Piano

Preparatory Course—For beginners such material as Presser's Beginners' Book and Kohler's Practical Method are used, followed by Schmitt's Preparatory Exercises; Kohler, Op. 157; Burgmuller, Op. 100, together with sonatinas by Lichner, Clementi, Burgmuller, Op. 109; pieces by Jensen, Godard, Grieg, and others. Five hours per week in practice

No credit

10ab Scales and Arpeggios—Czerny Studies Op. 299, twoand three-part inventions by Bach, sonatinas by Kullak, Clementi, Haydn, Mozart, and others are presented.

Five hours per week in practice

20ab Advanced Scale Work and Arpeggios — Cramer's Études, Bach's Well-Tempered Clavichord, sonatas by Mozart and Beethoven, compositions from the Romantic and Modern School comprise the work of this year.

Five hours per week in practice

1 credit

30ab Czerny's Studies, Op. 740, Chopin's Études, compositions of Grieg, Schumann, Brahms, Schubert, and modern composers are covered in this course.

Five hours per week in practice

1 credit

40ab Clementi Gradus ad Parnassum, concertos by Mendelssohn, Chopin, Grieg, and other modern composers are studied.

Five hours per week in practice

1 credit

Voice

Preparatory Course—This course aims to give the beginner in voice practical experience in correct breath control, vowel and consonant formation, tone placing, phrasing, and singing easy songs at sight.

Five hours per week in practice

No credit

10ab Proper breath control, principles of enunciation and pronunciation as applied to singing are developed together with the development of a sustained tone and the equalization of the voice. Practice in singing major, minor, and chromatic scales, simple arpeggii, and embellishments is given. Emphasis is placed on correct tone quality, and interpretation of songs of medium difficulty.

Five hours per week in practice

1 credit

21ab Breath control, tone placement and phrasing are developed. A study of easy oratorio solos and operatic airs is made. Several art songs from the classics (in Italian, German, or French) are studied. The course offers ensemble experience.

Five hours per week in practice

1 credit

30ab Vocal work in agility, endurance, diction, and interpretation is continued. Ensemble singing is done from standard operas, oratorios, or cantatas along with more difficult songs from classic and modern composers.

Five hours per week in practice

1 credit

40ab This course presents a comprehensive repertoire of standard song literature and offers experience in singing a complete rôle from a standard opera or oratorio.

Five hours per week in practice

The A Cappella Choir

The aims of the choir are (1) to create and maintain interest in unaccompanied and accompanied choral singing, through singing a variety of good music both sacred and secular, (2) to discover how to build choral programs with variety and coherence, (3) to develop accurate intonation, proper tone quality, balance of parts, pure diction, and appropriate interpretation.

Requisites for admission to the choir:

Proper intonation and voice quality. Ability to sing a voice part, e.g., second soprano. Ability to sing a simple hymn or folk song at sight.

At the beginning of each school year the more capable vocal students are selected for the A Cappella Choir. This group memorizes a program (built around a definite theme) of approximately sixteen authems by such composers as Bach, Handel, Palestrina, Tschaikowsky, Dett, and Cain. This program is presented in various churches.

Each school year the choir will present a cantata or an opera.

The work of the choir consists of an unaccompanied sacred choral program such as "God the Omnipotent" 16A, "The Greatest of These" 16A, "Life of Christ" 16A, "We Must Walk by Faith"; an unaccompanied secular choral program such as "The Seasons" 16CH; an opera such as "Mikado," "Martha"; an oratorio such as "The Holy City," "Elijah," "The Messiah"; or a cantata such as "Belshazzar's Feast," "The Legend of Don Munio."

Two hours per week

1 credit

Students who have taken a leading rôle in opera or oratorio, or who have credit for any of the following courses, 13ab, 23ab, 24ab, 33ab, may receive credit for choir on the two semester hour per year credit level.

B. Appreciation and History of Music

10ab Appreciation of Music—This course is designed to increase the student's love for music; to develop capacity for rhythm; to stimulate a desire for technique and power of expression; to develop the ability to follow form in music through listening; to perform and experiment with a variety of forms of vocal and instrumental music.

Two hours per week

4 credits

42ab History of Music—The objective of this course is to acquaint the student with compositions and chief characteristics of typical representatives of various epochs of music, with the development of vocal and instrumental music; to increase and enrich

a student's ability to appreciate, interpret, evaluate and compose music through studying a variety of music and famous musicians.

Prerequisite: Music 10ab

Two hours per week

4 credits

C. Theory of Music

13ab Elementary Theory, Ear Training, Dictation, and Sight Singing—The aim of this course is to develop ability to read fluently and accurately at sight, in the G and F clefs, and in any major or minor key. The rudiments, notation, scales, intervals, melody writing; the singing, recognition, and writing of all intervals in the I and V chords in the major and minor modes; recognition of major and minor triads by ear and by sight; rhythmic and memory drills; aural analysis of compositions in the small forms compromise the work of this course.

Two hours per week

4 credits

23ab Intermediate Ear Training, Sight Singing and Dictation—The purpose of this course is to develop the ability to read fluently and accurately at sight choral music of the difficulty of "Gloria in Excelsis" by Mozart. Singing of simple melodies; singing, recognition, and writing of all intervals in the major and minor keys; recognition and singing of chords; rhythmic drills with harmonic and melodic material; practice in memorization of phrases are included.

Prerequisite: Music 13ab Two hours per week

4 credits

24ab Aural, Written, and Keyboard Harmony—This course aims to familiarize the student with chord progressions through aural, written, and keyboard harmony. Use of triads and dominant sevenths with their inversions; compositions in phrase and period form for piano and voice; analysis; playing of triads, dominant sevenths and arpeggios; harmonization of folk songs and other melodies in four-voice harmony and free piano style are considered.

Prerequisite: Music 13ab Two hours per week

4 credits

33ab Aural, Written, and Keyboard Harmony—Modulations; altered and mixed chords, inharmonic embellishments and figurations; practical composition through extended double period form for piano and voice; improvisation in the phrase, period, and double period form; transposition; sight reading and analysis of compositions by masters of the classical period comprise the work of this course.

Prerequisite: Music 24ab Two hours per week

D. Orchestra

Any student who is able to play an instrument with reasonable facility is eligible to membership in this organization. Instruction in instrumental music of a wholesome recreational type and of high cultural value will be offered. It is the purpose of the instructor to articulate music of varying degrees of difficulty so that the less-experienced student and the more advanced student may be able to play in an ensemble. This activity meets a three-fold purpose, (1) to develop a permanent interest in and an appreciation for music of leading composers, (2) to provide training that will ensure wholesome leisure-time activity after the student leaves college, and (3) to provide him with an opportunity to support his Alma Mater in a representative capacity.

Two hours per week

1 credit

Philosophy and Psychology

Professors Bucher and Schlosser, and Associate Professor Kilhefner

10ab General Psychology—This course is an introduction to the study of human behavior. A standard basic text will be used, supplemented by lectures, discussions, observations, and reports.

Two hours per week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week. Laboratory fee, \$3.00

3 credits

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 credits

30a Abnormal Psychology—A study of behavior disorders, including a consideration of psycho-analytic as well as more conventional interpretations, and of the social aspects of abnormal behavior. Emphasis will be placed upon the usual neuroses and psychoses as they relate to mental hygiene.

Three hours ber week

Social Psychology—See Sociology 20a.

Educational Psycholgy—See Education 30a.

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week

3 credits

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

42b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Physical Education and Health

Mr. Herr, Mr. Dodd, and Mr. Von Nieda

Student Health Program

Health is a primary objective of modern education. The maintenance of good health is accepted as one of the seven cardinal principles of education.

The Educational Policies Commission has stated: "An educated person knows the basic facts concerning health and disease... works to improve his own health and that of his dependents... and works to improve community health."

Elizabethtown College does all in its power to safeguard the health of its students. This is accomplished through courses in physical education and hygiene, detection of incipient diseases, recommendation for medical treatment of acute disease and the maintenance of hygienic living conditions. A detailed statement of administrative policies for the health program is found under "Courses of Instruction" Physical Education.

Basic Philosophy and Administrative Principles

Maintenance of good health is accepted as a cardinal principle in education.

The College aims to give implementation to this principle through the following channels:

- a. accurate, dependable and thorough examinations of all students annually;
- b. professional advice and instruction concerning physical, mental health, and social adjustment, through conference and classes;
- c. students facing the probability of serious illness directed to the professional medical service of their choice;
- d. close cooperative relations with the family physician avoiding any semblance of competition with the family physician;
- e. an adequate program of intramural and intercollegiate sports.

All students are required to pass a satisfactory health examination annually before they are admitted to Elizabethtown College. This examination shall be at the expense of the student.

A report of this examination shall be supplied on forms provided by the College and shall be sent by the examining physician directly to the Dean of Instruction. This report shall be regarded as part of the data supplied upon which the Committee on Admissions and Personnel will base their decision as to whether or not said student shall be admitted.

This examination requirement shall also apply to all upper classmen annually before the opening of college or before the semester for which they plan to enroll.

After the student has been admitted, the College physician will give, at no expense to the student, periodic follow-up examinations to any students whose health or academic record indicates the need for a check-up.

Any student who has an illness which, in the mind of the physician in charge, may extend over more than two or three days, will be returned to his home or will be taken to a hospital as the case may warrant.

Although no attempt is made to choose a physician for a student, careful instructions are given covering the bases on which the student should himself make such a choice.

The College is not responsible for the care of students injured in athletic training or competition.

All health records are kept in strict confidence, open only to the student, the College physician, the director of physical education, and the dean in charge.

An effort is made to integrate the entire program of health with the academic, social and spiritual life of the student. The decision as to whether or not any individual is physically able to play in a game or practice rests with the physician who administers the annual physical examination.

As a general procedure the administrative officer of the health service, the Dean of Men, Dean of Women, Director of Physical Education, or the college physician, in cooperation with the student, whenever feasible, will notify parents of serious defects or impairments. In all hospital cases of serious illness or accidents, parents, guardian or nearest kin will be notified.

The desired health-value outcomes of the department of physical education are:

- a. physical and organic development and maintenance;
- b. high standards of conduct, social, moral and emotional;
- c. knowledge and appreciation of the "why" of physical exercise;
- d. enjoyment and pleasurable states of mind through team games; and
- e. development of game and hobby skills sufficient for the present and the future in which instruction and competition increase degree of value.

More specifically, the aim of the department of physical education is to organize and direct various forms of motor activities which will assist the student in gaining corrective, educational, and hygienic results from properly regulated exercise, games and athletics, and in training the individual in leisure-time recreation which may enable him to maintain health after graduation.

The work of the classes is planned with the purpose of acquainting the students with a variety of activities, especially those with a carry-over interest, and to this end opportunities are offered in the following activities: handball, volleyball, soccer, basketball, hiking, tennis, baseball, softball, speedball, and natural and individual gymnastics.

To further the advantages offered to all students an intra-mural program has been undertaken with the aim of getting each student actively engaged in some form of athletic competition. Physical education is required of all freshmen and sophomores, unless an excuse is recommended by the college physician and the physical director.

All students are considered to have permission to participate in competitive and intercollegiate sports unless otherwise instructed by parent or guardian.

The aim of the department is to organize and direct various forms of motor activities which will assist the student in gaining corrective, educational, and hygienic results from properly regulated exercise, games and athletics, and in training the individual

in leisure-time recreation which may enable him to maintain health after graduation.*

Both men and women students are required to wear regulation gym suits and shoes.

10ab Physical Education—This course aims to promote proper habits in the care of the body which will make for a stronger and more efficient being. Required of freshmen.

Two hours per week

2 credits

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week 2 credits

22ab Hygiene—The first semester is devoted to the study of personal and school hygiene as related to the problem of the schoolchild. During the second semester the problems of community hygiene, and the place of nutrition in a school and community hygiene program are studied.

Two hours per week

4 credits

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Associate Professor Heilman and Assistant

10b Physical Science—This survey course in Physical Science traces the development of Astronomy, Physics and Chemistry from the early days of their study, with experiments based on those of the early scientists who first made the discoveries. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00 Three hours per week

3 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will

^{*} An annual physical examination is required of all students.

be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b

Laboratory fee, \$7.50 per semester

Three hours recitation and a minimum of two hours laboratory 8 credits

Sociology

Associate Professors Kilhefner and Eshleman

10b Introduction to Sociology—This is the study of culture, social change, and social institutions. This is a prerequisite for all other sociology courses.

Three hours per week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

21b Social Problems—This course presents an analysis of the various types of personal and social disorganization, such as juvenile delinquency, ill health, unemployment, drug addiction, and crime. It also presents solutions for reconstruction of society. This is a prerequisite for 40b.

Three hours per week

3 credits

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week

3 credits

32b Urban Sociology—The present basic social patterns which have emanated from modern urban culture are traced and analyzed.

Three hours per week 3 credits

40b Criminology—This is an analysis of the causes, processes, treatment, and prevention of criminal conduct.

Three hours per week

3 credits

41a Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

43b The Family—The chief problems center in courtship and marriage adjustments, husband-wife types, marriage prediction scales, and parent-child relations.

Three hours ber week

3 credits

Educational Sociology—Same as Education 46a.

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of library, the gymnasium, the athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, furnished rooms, limited use of infirmary, and board exclusive of Thanksgiving, Christmas and Easter vacations. This fee amounts to \$750.00.

Day Students

The expenses for a student attending College from his own home are \$400.00.

Payment of Bills

The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of College	\$187.50	\$100.00
On or before December 1	187.50	100.00
On or before February 1	187.50	100.00
On or before April 1	187.50	100.00

The bills may vary from the stated amounts in certain instances because of the laboratory charges and because of special work taken outside of the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store bills, and all other special fees will be added to the second and fourth payments.

Credit allowed for scholarships, honorariums, work, and the like, will be deducted from the second and fourth payments.

The tuition charge for less than 10 and more than 18 hours per week is \$12.50 per semester hour when students take work with regular classes.

A charge of \$5.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Credits for advanced standing. For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$8.75 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$15.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities. It also gives each graduate a life membership in the Alumni Association since each will have had paid the required \$20.00 fee.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance from date of enrollment	Per Cent of Quarter's Charge
Less than 2 weeks	. 25%
Between 2 and 4 weeks	50%
Between 4 and 6 weeks	75%
Between 6 and 8 weeks	100%

General Expense Information

The cost of one lesson in voice or piano per week per semester is \$24.00. A piano rental fee of \$5.00 per semester is charged. Persons who study only piano or voice are required to pay a registration fee of \$1.00 per semester.

Upon graduation, or if a student leaves the institution before graduation, he is entitled to one transcript of his academic credit. A fee of \$1.00 is charged for each additional transcript.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a general breakage, maintenance and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage, damage, and replacements.

A room reservation fee of \$5.00 is required of all applicants desiring rooms. A registration fee of \$10.00 is required of all applicants for admission. These fees are credited to the student's account. They are not refunded in case of cancellation of application. However, they may be transferred to apply to a later year. Rooms are reserved for the college year. Students are expected not to change residence during the year for any reason except withdrawal from college.

A graduation fee of \$10,00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers sveral types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing occasionally to serve as ushers and guides.

Scholarships

Elizabethtown College Scholarships

The amount of this scholarship ranges from \$300.00 to \$400.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

One such scholarship is given annually to each graduating class on the basis of one for each 25 students or fraction thereof. The scholarship is awarded to the first eligible student who enrolls and files a written application.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers a limited number of scholarships to ministers and missionaries and their children.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at

the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Business Manager of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00. Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their costs. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who makes the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, has provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$10-award for outstanding journalistic writing will be given yearly to the student doing superior news reporting and feature articles for the current school year.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Business Manager.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective Dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge. Only single size bed sheets will be accepted by the laundry.*

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

^{*}The College reserves the right to discontinue all laundry service upon two weeks' notice,

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Student Activities

The College encourages and directs all activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be made in writing to him. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are ipso facto members of the Student Association

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nomnations are by petition and the preferential system of voting is ised. Officers of the student Senate are the president of the Stulent Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are pen to all members of the Student Association.

he Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students lected by the women students. Each dormitory and day students re represented by two members nominated by their respective roups and voted upon by all the women students.

The committee on men's affairs is composed of six students lected by the men students. Four members represent boarding tudents and two represent day students. Members are nominated y their respective groups.

The Dean of Men and the Dean of Women serve as advisers to nese committees and to the Student Senate and assist the students governing in harmony with the policies of the college. By reuest of the respective Deans, actions of the committees may be eviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of pors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

International Relations

The purpose of this club is to strengthen the mutual relations between Europe and this country and the rest of the world as far as all the branches of our civilization are concerned—language, music, art, science—and that helps us to appreciate man in various countries and to avoid wars.

Comerciantes

This is an organization of students enrolled in the Commercial, Business Administration or Secretarial courses. Its purposes are to promote interest in the business world and in the study of Commercial subjects; to encourage a social spirit by offering opportunities for wholesome social contact; and to become familiar with modern progressive business methods and systems, endeavoring by such means to raise and maintain a higher standard of training for business.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are

selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The *Conestogan* is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and alumni.

Buildings and Grounds

Elizabethtown College is ideally located on an attractive campus of some 50 acres on which are found a large lake, baseball diamonds, a soccer field, and all-weather tennis courts. These most adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and women's day student room.

Rider Memorial Hall

During January, 1905, the trustees decided to erect a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906 as Memorial Hall. On the first floor are located the college Store and a recreation room. Faculty offices, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third large college building was dedicated. This is a 3-story brick building. The first floor contains four apartments equipped with modern conveniences and adapted to small families. The second and third floors are used as women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In view of the unsatisfactory conditions in the former gymnasium in the basement of Rider Memorial Hall, the Alumni of the

College took steps to raise a fund for an auditorium-gymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious Auditorium-Gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The size of the floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Offices and storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$12,000 has been contributed by alumni and friends of the college.

Dwellings

Eight dwellings are located on the campus and furnish residence to members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Several years ago the Alumni Association conceived the idea of beautifying the College campus. This finally led to the purchase of an adjoining tract of land containing a stream of pure running water. At once the student body built a long concrete wall across a ravine and thus formed a lake of over three acres on the campus near the baseball field. Lake Placida offers opportunity for ice skating. With the trees and shrubbery planted around the shore, the lake is a real beauty spot frequently sought for vesper services.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the college or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1950-1951

President, Elmer Esileman, '24 Elizabethtown,	
Vice-President, Anna Carper, '41	Pa.
Secretary, EBY C. ESPENSHADE, '35 Elizabethtown,	Pa.
Treasurer, J. W. Kettering, '23 Elizabethtown,	Pa.

Cumberland Valley

President, SARA CONNE	R ENGLE, '25	
l'ice-President, CORA C	ELLIG, '31	Greencastle, Pa.
Secretary-Treasurer, M	AUDE BENEDICT, '24	

Harrisburg

President, RICHARD HIVNER, '49Steelton, I	Pa.
Vice-President, David J. Markey, '47	Pa.
Secretary-Treasurer, Helen Ott Gross, '36	Pa.
Asst. Secretary-Treasurer, MARY BROWN REBER, '49 Harrisburg, I	Pa.

Juniata Valley

President, OLIVE K. JAMISON, '34	lle, Pa.
Vice-President, Luke H. Buffenmyer, '37	ort, Pa.
Secretary-Treasurer, DOROTHY LAUVER CLECK, x-'44Miff	lin, Pa.

Lancaster

President, Melvin H. Brubaker, '27Lititz,	Pa.
Vice-President, John Hershey, '16Lititz,	Pa.
Secretary, Marian Geist Fuhrman, '30Rothsville,	Pa.
Treasurer, Donald Neiser, '46Lancaster,	Pa.

Lebanon Valley

President, RAY KURTZ, '32Richland,	Pa.
Vice-President, Anna Carper, '41	Pa.
Secretary-Treasurer, Amy Breidenstine Sterner, x-'34. Myerstown.	Pa.

Philadelphia	
President, JAY ESHLEMAN, x-'32	ıt, Pa.
Schuylkill Valley	
President, David H. Markey, '23	g, Pa.
York	
President, Helen Rebert, '48	s, Pa.
Elgin-Chicago	
President, Samuel Myers, '49	o, III.
The Alumni Council	
Chairman, Elmer Eshleman, '24 Elizabethtow Vice-Chairman, Anna Carper, '41 Palmyr Secretary, Eby C. Espenshade, '35 Elizabethtow Treasurer, J. W. Kettering, '23 Elizabethtow Anna Bull Groff, '27 Upper Darb Henry H. Hackman, '31 Manheir A. Stauffer Curry, '35 Washington, L. Anna Schwenk, '22 Carlisl Beatrice M. Myers, '40 Hanove Hiram J. Frysinger, '29 Harrisbur Anna K. Miller, '27 Litit Jesse D. Reber, '32 Harrisbur Olive K. Jamison, '34 McAlistervill James Linton, '38 Sharon Hi	a, Pa. n, Pa. n, Pa. y, Pa. n, Pa. c, Pa. r, Pa. g, Pa. z, Pa. g, Pa. e, Pa. e, Pa.

Commencement

Monday, May 29, 1950

Address: Fred P. Corson, D.D., LL.D.

Bishop, The Methodist Church Philadelphia, Pennsylvania

Honorary Degrees

H. H. Nye, Doctor of Divinity N. Volney Ludwick, Doctor of Science

Degrees in Course Bachelor of Arts

Mark Bartman	arg, Pa.
Donald Eugene BohrerYo	ork, Pa.
*Paul J. Boltz	wn. Pa.
ARTHUR M. BOWSERGlen Re	ock, Pa.
JESSE H. Brown Brownsto	wn. Pa.
*Richard D. Brubaker	
†WILLIAM DAVIS	etta. Pa.
HARRY B. EARHART	
IRA G. FLOYD Elizabethto	wn. Pa.
ROY Y. FORNEY, JRFlo	rin. Pa.
EVELYN LENTZ FRANTZLebai	non, Pa.
J. Morgan FrantzLebar	non. Pa.
Frederick Liddle GantzLebai	
*Robert Muir GrahamPhiladelp	
Ziegler HeilmanElizabethto	
JOHN MERVIN HESSMarie	
Robert A. Hess	
NEAL G. HOLABAUGH	
Donald F. HurshShippensb	
CHARLES R. JORDAN	urg, Pa.
Warren S. Kissinger	
JOHN CHRISTIAN LICHTYParac	lise. Pa.
*CARL LIGGIO	
JOSEPH M. LONGPalm	
MATTHEW MILLER MEYERLebar	non, Pa.
James Franklin Mort	
ROBERT F. NISSLEY Elizabethto	wn, Pa.
*Paul Carvelle Raffensperger, Jr	urg, Pa.
*Mary Margaret Rohrbaugh	urg, Pa.
*John A. Sauers, Jr	ola, Pa.
Marie Schroyer	ood, Pa.
ROBERT LAMARR SHULTZLancas	ter, Pa.
*David K. SnavelyLandisv	ille, Pa.

^{*} Candadates for degrees at end of summer session. † Graduate with "Cum Laude" distinction.

*Edith M. Snyder	
RAY G. SNYDERM	t. Joy, Pa.
*H. ROBERT STEHMANSa	lunga, Pa.
HARTMUT VON HENTIGPartenkirchen	, Germany
CLYDE E. WEAVER East Peter	sburg, Pa.
James Joseph Wilitacre	y, W. Va.

Bachelor of Science

JOHN EUGENE BERGER	Elizabethtown, Pa.
EDWARD HOOPES COOK, JR	New Cumberland, Pa.
MILLET RODGER DEANGLES, JR	Binghamton, N. Y.
*STANLEY DIETRICH	Flizabethtown Pa
HAROLD JONES EBERSOLE	Hummelstown Pa
Ename D. Carra	Now Vorte City N V
ERNEST D. GANZ	
MIRIAM O. HERSHNER	York, Pa.
*RICHARD R. HOOPES	Elizabethtown, Pa.
*WILBUR H. HORNAFIUS, JR	Elizabethtown, Pa.
Newton Emerson Kendig	
KARL KENNETH KOLVA	
CARL STARE LANDIS	Elizabethtown, Pa.
GLENN W. McCormick	Elizabethtown, Pa.
JACK DEVER PRIEST	
CHARLES F. SHAFFER	
JESSE FREDERICK SHEETZ	
ARTHUR ROBERT TUCKER	Jackson Heights, N. Y.
GERALD L. WEAVER	
RALPH L. WEIRICH, JR	
*Charles R. Wells	
ELMO G. WINGER	
Simon L. Zimmerman	
SIMON L. ZIMMERMAN	Columbia, Fa.

Bachelor of Science in Business Administration

GEORGE L. BEANE, JR. New Cumberland, Pa. †EDGAR THOMAS BITTING
*George Edward Breneman Elizabethtown, Pa. Joseph Victor Brown Elizabethtown, Pa. *Wilbur W. Bucher Lancaster, Pa. *Junior Z. Dart Elizabethtown, Pa. Harry K. Foreman Elizabethtown, Pa. Donald J. Giannelli Harrisburg, Pa. Kenneth Merrill Gingrich Oakland Mills, Pa. C. Bernerd Grissinger Mt. Joy, Pa. William R. Helm Elizabethtown, Pa. John H. Herr, Jr Salunga, Pa.
JOSEPH VICTOR BROWN *WILBUR W. BUCHER Lancaster, Pa. *JUNIOR Z. DART HARRY K. FOREMAN Elizabethtown, Pa. HARRY K. FOREMAN Elizabethtown, Pa. Harrisburg, Pa. KENNETH MERRILL GINGRICH C. BERNERD GRISSINGER WILLIAM R. HELM JOHN H. HERR, JR. Elizabethtown, Pa. Salunga, Pa.
JOSEPH VICTOR BROWN *WILBUR W. BUCHER Lancaster, Pa. *JUNIOR Z. DART HARRY K. FOREMAN Elizabethtown, Pa. HARRY K. FOREMAN Elizabethtown, Pa. Harrisburg, Pa. KENNETH MERRILL GINGRICH C. BERNERD GRISSINGER WILLIAM R. HELM JOHN H. HERR, JR. Elizabethtown, Pa. Salunga, Pa.
*Wilbur W. Bucher Lancaster, Pa. *Junior Z. Dart Elizabethtown, Pa. Harry K. Foreman Elizabethtown, Pa. Donald J. Giannelli Harrisburg, Pa. Kenneth Merrill Gingrich Oakland Mills, Pa. C. Bernerd Grissinger Mt. Joy, Pa. William R. Helm Elizabethtown, Pa. John H. Herr, Jr Salunga, Pa.
*JUNIOR Z. DART Elizabethtown, Pa. HARRY K. FOREMAN Elizabethtown, Pa. DONALD J. GIANNELLI HArrisburg, Pa. KENNETH MERRILL GINGRICH Oakland Mills, Pa. C. BERNERD GRISSINGER Mt. Joy, Pa. WILLIAM R. HELM Elizabethtown, Pa. JOHN H. HERR, JR. Salunga, Pa.
HARRY K. FOREMAN DONALD J. GIANNELLI KENNETH MERRILL GINGRICH C. BERNEG GRISSINGER WILLIAM R. HELM JOHN H. HERR, JR. Salunga, Pa. Salunga, Pa.
Donald J. Giannelli Harrisburg, Pa. Kenneth Merrill Gingrich Oakland Mills, Pa. C. Bernerd Grissinger Mt. Joy, Pa. William R. Helm Elizabethtown, Pa. John H. Herr, Jr. Salunga, Pa.
Kenneth Merrill Gingrich
C. Bernerd Grissinger
JOHN H. HERR, JR. Salunga, Pa.
JOHN H. HERR, JRSalunga, Pa.
#T D . TT
*John Robert Hitz
Donald Harper Hivner Steelton, Pa.
WILLIAM E. KELLER, JR
NAVIN DIEHL McWILLIAMS, JR
EUGENE H. MILLER
WILLIAM ROY MOOSEElizabethtown. Pa.
*Russell Raymond Peters, JrLebanon, Pa.
James William Roberts
Preston E. Rohrbaugh

^{*} Candadates for degrees at end of summer session. † Graduate with "Cum Laude" distinction.

Milton H. Rowe, Jr. Middletown, Howard Wright Seeds, Jr. Elizabethtown, Frederick E. Snyder Hanover, *LeRoy Trupe Ephrata, Frank G. Witman Morgantown,	Pa. Pa. Pa.	
Bachelor of Science in Business Education		
*Clyde V. Brinser	Pa. Pa. Pa. Pa. Pa.	
Bachelor of Science in Elementary Education		
Janice Irene Anderson York, †Velma Marie Ellenberger Harrisburg Megan Harries York, Jean Grubb Herr Elizabethtown, *Sara H. Hughes Harleysville, Arlene Shaffer Kennedy New Oxford, *Arlene C. Kisslak Johnstown, Joan Marie Martin Elizabethtown, Olga LaRue Monn Greencastle, Lola Cleone Reese Tyrone, *Melba J. Rigley Uniontown, Gretchen Lou Sherman McVeytown, Glady's Arlene Steilman Lititz, Ardyce Merilyn Trout Felton, Florence C. Woodward Harrisburg,	Pa. Pa. Pa. Pa. Pa. Pa. Pa. Pa. Pa. Pa.	

^{*}Candidates for degrees at end of summer session. † Graduate with "Cum Laude" distinction.

Register of Students

1950-1951

Seniors

Men

Armold, RoyB.S.	Bus. Admin Maytown, Pa.
BAUKNIGHT, I. JEROME B.S.	Science
BECKER, EARLB.S.	Bus. Admin139 Grant St., Ephrata, Pa.
BENNETT, JAMESB.S.	Bus, Admin1814 North St., Harrisburg, Pa.
BURDICK, GERALDB.S.	Bus. Admin460 E. Park St., Elizabethtown, Pa.
COX. STANFORDA.B.	Liberal Arts42 Manor Ave., Millersville, Pa.
DETWILER, ROBERTB.S.	Bus, Admin, Oaks, Pa.
EBERSOLE, BENJAMINA.B.	Liberal ArtsBox 268, Hershey, Pa.
ENTERLINE. ROBERT B.S.	Science216 S. Market St., Elizabethtown, Pa.
FOSTER GORDON A.B.	Liberal ArtsR. D. 3, Elizabethtown, Pa.
	Liberal Arts Conestoga, Pa.
	Bus. Education 304 W. Chestnut St., Lancaster, Pa.
	Bus. Admin100 N. 45th St., Harrisburg, Pa.
Gross Merrit BS	Bus. Admin1723 N. 6th St., Harrisburg, Pa.
HAMMERS ROBERT BS	Bus. Admin Stewartstown, Pa.
HAVERSTICK R DONALD A R	Liberal Arts30½ S. Poplar St., Elizabethtown,
MANUAL TOWNS THE PROPERTY OF THE PARTY OF TH	Pa.
HEISEY S. RICHARD B.S.	Science58 E. High St., Elizabethtown, Pa.
HESS FART A.B.	Liberal Arts 4 Ehrhorn St., Lebanon, Pa.
HIEPIER ARTHUR A.B.	Liberal Arts633 Manor St., Lancaster, Pa.
	Science423 S. Spruce St., Elizabethtown, Pa.
HOOVER STANLEY BS.	Bus. AdminLineboro, Md.
KENDIG, JOHNB.S.	Science Salunga Pa
	Bus. Admin336 S. 8th St., Lebanon, Pa.
KIEHI JOHN BS	Secondary Ed Marietta, Pa.
KIING EDMIND BS	Bus. Admin Blairs Mills, Pa.
KRICK PAUL BS	Ele. Education Reamstown, Pa.
LANDIE WILLIAM BS	Science730 N. Lime St., Lancaster, Pa.
LAWVER LUTHER RS	Ele. Education R. D. 1, Elizabethtown, Pa.
LONG PICHARD RS	Ele. Education1730 W. Market St., York, Pa.
LONG, RICHARD A.B.	Liberal ArtsR. D. 2, Mt. Joy, Pa.
	Liberal Arts816 S. Pine St., York, Pa.
Mantrold, Hogh	Bus. Admin2630 Walnut St., Harrisburg, Pa.
Proporting Total RS	Ele. Education1320 Linden St., Reading, Pa.
DELM DODERT RS	Science3971 N. 6th St., Harrisburg, Pa.
Dragen Manager D C	Bus. Admin 9 N. Market St., Elizabethtown, Pa.
Paurante Francisco D.S.	Bus. Admin 135 E. Park St., Elizabethtown, Pa.
Chicago D D.S.	Flo Education Dom 272 Fact Determine Do
SENSENIG, FAUL	Ele. Education Box 273, East Petersburg, Pa.
	Liberal Arts6318 N. Gratz St., Philadelphia, Pa.
SMETHERS, HERBERTA.D.	Liberal ArtsBox 968, Herndon, Pa. Liberal Arts737 Main St., Bethlehem, Pa.
SNOWDEN, ARMONA.B.	Liberal Arts/3/ Main St., Detinenen, Fa.
SPARKMAN, EDWINA.B.	Liberal Arts254 N. 2nd St., Steelton, Pa.
STAHLER, MAURICEB.S.	Science Highspire, Pa.
SWORDS, GENE	Ele. Education . 492 W. High St., Elizabethtown, Pa.
THOMPSON, JOHN	Ele. Education109 Baltimore Ave., Baltimore 22,
Transcent Donner P S	ScienceNew Holland, Pa.
Trivers Willes PS	Science2324 Ripley St., Philadelphia, Pa.
W. rmpp D. contr. D.S.	Secondary Ed Biglerville, Pa.
WELVER VENNETH A D	Liberal ArtsR. D. 1, Stevens, Pa.
WENCER I INVIN A D	Liberal ArtsR. D. 1, Stevens, Fa. Liberal ArtsR. D. 1, Palmyra, Pa.
WILKING EDDERICK DC	Science
WITTEL HOWARD A D	Liberal Arts59 S. Hazel St., Manheim, Pa.
Voy Avens A P	Liberal Arts Woodbine, Pa.
	Liberal Arts Wooddine, Fa. Liberal Arts412 Fairview Ave., Lancaster, Pa.
7 PECLER FARY A D	Liberal ArtsR. D. 2, Myerstown, Pa.
ZIEGLER, EARLA.D.	Liberal Arts R. D. 2, Myerstown, Fa.

Women

Becker, MildredB.S. Ele. Education ...564 Main St., Bressler, Pa. Bose, MargaretB.S. Bus. Education ..R. D. 2, Glen Rock, Pa. Donnelly, Mrs. Patricia.A.B. Liberal Arts802 N. Duke St., Lancaster, Pa.

FICKES, CHARMAINEB.S.	Ele. Education 31 E. Cottage Place, York, Pa.
FOLEY, JOYCEB.S.	Science421 W. King St., Lancaster, l'a.
FOUTS, MRS. JEANA.B.	Liberal Arts East Hall, F. & M. College, Lan-
	caster, Pa.
HERSHEY, CHARMARB.S.	Science114 Jaya Aye., Hershey, Pa.
HESS, MARYB.S.	Ele. Education R. D. 1, Mt. Joy, Pa.
HOFFER, FERNB.S.	Ele. Education 4807 Orchard St., Colonial Park, Pa.
Kreider, HelenB.S.	Ele. Education R. D. 2, Quarryville, Pa.
MATHIAS, NANCYA.B.	Liberal Arts 3808 Hillcrest Rd., Harrisburg, Pa.
MECKLEY, MRS. CAROLEA.B.	Liberal ArtsR. D. 2, Elizabethtown, Pa.
MUDRINICH, ANNAB.S.	Bus. Education 1409 S. 12th St., Harrisburg, Pa.
NELSON, BARBARAB.S.	Ele. Education R. D. 8, York, Pa.
NISSLEY, PAULINEB.S.	Ele. Education 147 E. High St., Manheim, Pa.
RINEHART, LOISA.B.	Liberal Arts 137 S. Broad St., Waynesboro, Pa.
RUTHERFORD, LILLIANB.S.	Ele. Education Bainbridge, Pa.
SNYDER, VIVIANA.B.	
	• •

Juniors

Men

Anderson, W. Eugene B.S.	Science630 S. Hanoyer St., Carlisle, Pa.
Bender, JohnB.S.	Bus. Admin2644 Waldo St., Harrisburg, Pa.
BENNER, TRYONB.S.	ScienceThompsontown, Pa.
BRUNNER, EDWARDA.B.	Liberal Arts877 Dunkle St., Enhaut, Pa.
BRUNNER, JOHN	Liberal Arts877 Dunkle St., Enhaut, Pa.
BRUSCIA. ANTHONYB.S.	Bus. Education General Delivery, Hershey, Pa.
CAMPBELL DONALD BS	Bus. Education R. D. 3, Quakertown, Pa.
	Bus, Admin,240 S. Royal St., York, Pa.
	Liberal Arts Camp Wood Rd., Phoenixyille, Pa.
	Bus. Admin802 N. Duke St., Lancaster, Pa.
FARIEV RICHARD RS	Bus. Admin1401 1/2 Green St., Harrisburg, Pa.
	Bus. Education 102 Sylvan Aye., Norwood, Pa.
	Ele. Education R. D. 3, Lewistown, Pa.
	Liberal Arts917 S. Spruce St., Elizabethtown, Pa.
	Bus. Admin 413 Allegheny St., Dauphin, Pa.
	Liberal ArtsR. D. 1, Mt. Joy, Pa.
HERR, J. ROBERTA.B.	
	Liberal ArtsR. D. 1, Mt. Joy, Pa.
	Liberal Arts492 W. High St., Elizabethtown, Pa.
HORNBERGER, LEEA.B.	Liberal ArtsBox 236, Hershey, Pa.
KAUFMAN, CARLA.B.	Liberal Arts 522 Market St., New Cumberland,
17 77	Pa.
KAY, THOMASA.B.	Liheral Arts124 Pine St., Middletown, Pa.
	Bus. Admin Smoketown, Pa.
	Liberal ArtsR. D. 2, Mt. Joy, Pa.
	Liberal Arts75 W. Maple St. Dallastown, Pa.
	Bus. Admin117 N. Barbara St., Mt. Joy, Pa.
MEMINGER, JAMESB.S.	Bus. Admin574 W. Lemon St., Lancaster, Pa.
MILNE, DAYIDB.S.	Bus. Education 209 N. Gotwalt St., York, Pa.
Myers, DavidA.B.	Liberal ArtsR. D. 3, Elizabethtown, Pa.
	Science
REAM, DONALDA.B.	Liberal ArtsRichlandtown, Pa.
REID, DONALDB.S.	Science
ROBERTSON, WILBURB.S.	Ele. Education 611 N. Hartley St., York, Pa.
ROYER, ISRAEL	Liheral Arts312 College Aye., Elizabethtown, Pa.
SCHNEIDER, WILLIAMB.S.	Bus. Admin125 N. Richards Avc., Ventnor City,
	N. J.
SCHOTT, CLIFFORDB.S.	ScienceBerlin, Md.
SELDOMRIDGE, I. ALBERT A.B.	Liberal Arts215 N. President Aye., Lancaster,
	Pa.
SHELLHAMMER, BURTON A.B.	Liberal Arts2711 S. 2nd St., Steelton, Pa.
	Bus. Admin 108 E. Main St., Ephrata, Pa.
	Science321 Reliance Rd., Telford, Pa.

Women

BARTENSLAGER, LOUISEB.S. Ele. Education New Freedom, Pa. BISHOP, MRS. LEONAA.B. Liberal Arts121 W. Hummelstown St., Elizabeth.
Daniels, Mrs. JuneB.S. Ele. Education416 S. Lincoln St., Palmyra, Pa.
EBERLY, PEGGYA.B. Liberal ArtsR. D. 3, Elizabethtown, Pa.
FROST, ELIZABETH

GOTTSHALL, MRS. DOROTHY. B.S. Ele. Education 304 W. Chestnut St., Lancaster, Pa.
HEWETT, CHRISTINE B.S. Ele. Education 102 E. Locust St., Mechanicsburg,
Pa.
KEENY, GRACEB.S. Ele. Education New Freedom, Pa.
KOONTZ L. FAYEA.B. Liberal ArtsR. D. 2, Clearville, Pa.
KOPP, DORISB.S. Bus. Education York New Salem, Pa.
McGurk, Mrs. GladysB.S. Bus. Education R. D. 9, York, Pa.
MILLER, CELIA ANNA.B. Liberal Arts Penryn, Pa.
MILLER, MARY JEANB.S. Ele. Education R. D. 1, Jonestown, Pa.
Raffensperger, Mrs. Joan. B.S. Bus. Education 2723 Lexington St., Harrisburg, Pa.
RODDY, GWENDOLYNA.B. Liberal Arts530 Rock Glen Dr., Wynncwood, Pa.
SHULER, MARY JANEB.S. Ele. Education 513 1/2 S. 13th St., Harrisburg, Pa.
STRUMPFER. KATHERINE B.S. Lab. Tech6613 N. 6th St., Philadelphia 26, Pa.

Sophomores

Men

AULT, RICHARD A.B. BALLOU, VICTOR B.S. BAUSMAN, WILLIAM B.S. BELSER, JULIUS A.B. BERKHEIMER, DALE B.S. BOLTON, JOHN B.S. DEAN, JOHN B.S. EBERSOLE, DAVID B.S. ELLSWORTH, WILLIAM .A.B. EMIG. WALTON A.B.	Liberal Arts Wheatland Hills, Lancaster, Pa. Liberal Arts 806 Pennsylvania Ave., York, Pa. Bus. Admin 214 Caley St., Lancaster, Pa. Bus. Admin 214 Calerine St., Middletown, Pa. Liberal Arts R. D. 3, Elizabethtown, Pa. Bus. Admin R. D. 6, York, Pa. Secondary Ed 3906 Jonestown Rd., Harrisburg, Pa. Secondary Ed McClure, Pa. Bus. Admin 526 W. Chestnut St., Lancaster, Pa. Liberal Arts Stetlersville, Pa. Liberal Arts R. D. 3, Spring Grove, Pa. Liberal Arts R. D. 3, Spring Grove, Pa. Liberal Arts 1820 W. River Dr., Mcrchantville, N. J.
FORNEY, MARTINB.S.	Bus. Admin444 N. Market St., Elizabethtown,
GEIB, HAROLD B.S. GIBBLE, H. LAMAR A.B. GRILL, STANLEY A.B. GROFF, HARVEY A.B. HAMME, GLENN B.S. HARLIN, ROBERT B.S. HIVNER, JAMES A.B.	Liberal Arts Box 51, Quakertown, Pa. Bus. Admin R. D. 4, Manheim, Pa. Liberal Arts R. D. 3, Manheim, Pa. Liberal Arts R. D. 1, Christiana, Pa. Liberal Arts Salunga, Pa. Science R. D. 1, Spring Grove, Pa. Bus. Admin 1117 Mifflin St., Huntingdon, Pa. Liberal Arts 624 S. Hanover St., Elizabethtown, Pa.
HORBACH, C. FREDERICK A.B. HOUSE, MARSHALLB.S. KELL, WILLIAMB.S.	Ele. Education Masonic Homes, Elizabethtown, Pa. Liberal Arts 32 Hoffman Blvd., Ashland, Pa. Science 2719 N. 5th St., Harrisburg, Pa. Ele. Education Dallastown, Pa.
	ScienceMcClure, Pa.
KUNKEL, ELMER B.S. LEHMAN, CARLTON A.B. MADEIRA, JOHN A.B. MALMBORG, FREDRIK A.B.	Bus. Admin
KUNKEL, ELMER B.S. LEHMAN, CARLTON A.B. MADEIRA, JOHN A.B. MALMBORG, FREDRIK A.B. MCKEAN, W. EUGENE B.S. MILLER, ROBERT B.S. MOYER, WALTON A.B. NEWCOMER, DAVID B.S. RANCK, FREDERICK B.S.	Bus. Admin East Berlin, Pa. Liberal Arts
KUNKEL, ELMER B.S. LEHMAN, CARLTON A.B. MADEIRA, JOHN A.B. MALMBORG, FREDRIK A.B. MCKEAN, W. EUGENE B.S. MILLER, ROBERT B.S. MOYER, WALTON A.B. NEWCOMER, DAVID B.S. RANCK, FREDERICK B.S. RHEN, R. JACK A.B.	Bus. Admin. East Berlin, Pa. Liberal Arts 613 S. 2nd St., Lchanon, Pa. Liberal Arts 2001 Swatara St., Harrisburg, Pa. Liberal Arts R. D. 1, Manheim, Pa. Bus. Admin 2811 Fourth Ave, Apt. 205, Glassmanor, Washington 20, D. C. Secondary Ed. Hellam, Pa. Liberal Arts R. D. 2, Telford, Pa. Bus. Admin 228 E. Lemon St. Elizabethtown, Pa. Science Box 6, Kinzers, Pa. Liberal Arts 141 N. Catherine St., Middletown, Pa. Bus. Admin 354 N. Hanover St., Elizabethtown,
KUNKEL, ELMER B.S. LEHMAN, CARLTON A.B. MADEIRA, JOHN A.B. MALMBORG, FREDRIK A.B. MCKEAN, W. EUGENE B.S. MILLER, ROBERT B.S. MOYER, WALTON A.B. NEWCOMER, DAVID B.S. RANCK, FREDERICK B.S. RHEN, R. JACK A.B. ROLAND, GERALD B.S. ROTH, CHARLES B.S. SHAPER, S. DAVID B.S. SHAPER, S. DAVID B.S. SHERTZER, LEONARD A.B. SNADER, NEVIN B.S. STOLITZEUS, JAMES B.S. STOLITZEUS, JAMES B.S. STUDHOLM, ISAAC B.S.	Bus. Admin. East Berlin, Pa. Liberal Arts

WILLIAMS, FREDERICKB.S.	Elc. Educatio	n413 Ninth St., New Cumberland, PaR. D. 1, Mechanicsburg, Pa.
Ziegler, CarlosA.B.	Liberal Arts	328 S. Broad St., Lititz, Pa.
Ziegler, LeviA.B. Ziegler, RobertA.B.	Liberal Arts Liberal Arts	R. D. I, Annville, Pa. 364 Park St., Elizabethtown, Pa.

BARTRAM, DORIS ANN BEANE, MARIANE B.S. BOMGARDNER, ELSIE B.S. BOONE, LAURA MAE B.S. BOONEN, JOSEPHINE B.S. BUCHER, RUTH B.S. DEEPE, MARILYN B.S. DOUGHERTY, PHYLLIS DOUGHERTY, PHYLLIS DOUPLE, MIRIAM FORRY, MRS. RACHEL FOX, DORIS GETTEL, CORA MAE GINGRICH, M. ARLENE HEATWOLE, NANCY HEISEY, A. LUCHLE B.S. KEENEY, ARLENE B.S. KRATZ, PHYLLIS A.B.	Lab. Tech Shoemakersville, Pa. Med. Sec R. D. 1, Harrisburg, Pa. Lab. Tech Paradise, Pa. Ele. Education .R. D. 3, Elizabethtown, Pa. Ele. Education .Coganton, Pa. Ele. Education .635 Maple St., Lebanon, Pa. Science R. D. 5, Lebanon, Pa. Bus. Education .R. D. 5, Lebanon, Pa. Bus. Education .R. D. 5, Lebanon, Pa. Med. Sec Landisville, Pa. Med. Sec 1754 Portland Avc., West Lawn, Pa. Lab. Tech R. D. 2, Hershey, Pa. Sceretarial 319 S. Pine St., Schring, Fla. Secretarial 319 S. Pine St., Schring, Fla. Med. Sec East Petersburg, Pa. Med. Sec Palmyra, Pa. Ele. Education Rehrersburg, Pa. Liberal Arts 118 S. 3rd St., Millville, N. J. Ele. Education 250 W. Bainbridge St., Elizabethtown, Pa.
MILLER, JEAN	Med. See 197 W. Greenwood Ave., Lansdowne,
MUSSELMAN, LUCYB.S.	Pa. Ele. EducationVernfield, Pa. Lab. Teeh811 S. Market St., Elizabethtown, Pa.
RITTER, DOROTHY B.S. RUNK, JOYCE SAYLOR, PHYLLIS B.S. SELDOMRIDGE, NANCY A.B. SUBARFER, NANCY A.B. SWORDS, ANITA B.S. TISHOCK, MARY B.S. WALZL, M. MARGARET A.B. WARNER, SHIRLEY B.S.	Lab. Tech 2 Buttonwood Lane, Middletown, Pa. Bus. Education Box 135, Richlandtown, Pa. Secretarial R. D. 2, Lineboro, Md. Bus. Education R. D. 1, Red Lion, Pa. Liberal Arts 1123 E. King St., Lancaster, Pa. Liberal Arts 330 Center St., Chambersburg, Pa. Ele. Education R. D. 1, Lancaster, Pa. Ele. Education Smoke Run, Pa. Liberal Arts 710 E. King St., Lancaster, Pa. Ele. Education 619 W. High St., Hummelstown, Pa. Lab. Tech Christiana, Pa.

Freshmen

Men

le. Education R. D. 9, York, Pa.
eieneeTalmage, Pa.
iberal ArtsR. D. 1, Jonestown, Pa.
us. Education Pennsburg, Pa.
eience Wood and High Sts., Middletown, Pa.
iberal ArtsLandisville, Pa.
us. Education 554 Woodbine St., Harrisburg, Pa.
eienceR. D. 2, Hummelstown, Pa.
cience 1081 Pratt St., Philadelphia, Pa.
us. Admin2931 Canby St., Penbrook, Pa.
econdary Ed Florin, Pa.
cience1035 S. Market St., Elizabethtown,
Pa.
eience Masonic Homes, Elizabethtown, Pa.
cienceR. D. 3, Elizabethtown, Pa.
econdary Ed40 W. Bainbridge St., Elizabeth-
town, Pa.
iberal Arts459 S. Line St., Lancaster, Pa.
cience1804 Boas St., Harrisburg, Pa.
cienceR. D. 2, Hummelstown, Pa.
cienceLineboro, Md.
cience524 E. High St., Elizabethtown, Pa.
iberal ArtsR. D. 1, Mt. Joy, Pa.
iberal ArtsPottstown, Pa.
us. Admin Herndon. Pa.
i te ce

Kurz, HarryB.S. Secondary EdR. D. 1, Ottsville, Pa.
LONGENECKER, E. VINTON .B.S. ScienceR. D. 5, Lebanon, Pa.
Ludwig, GeorgeA.B. Liberal ArtsR. D. 1, New Holland, Pa.
MAGARO, SAMUELA.B. Liberal Arts1915 N. 6th St., Harrisburg, Pa.
Malinowski, LouisB.S. Science1501 Mt. Ephraim Ave., Camden 4,
N. J.
McElrath, Richard B.S. Secondary Ed Shirleysburg, Pa.
MEYERS, WILLIAMB.S. Bus. Admin New Freedom, Pa.
MILLER, CLARENCEB.S. ScienceR. D. 3, Hanover, Pa.
MILLER, LEROYB.S. ScienceR. D. 1, Lebanon, Pa.
MILLER, RICHARDB.S. Bus. AdminR. D. 2, Waynesboro, Pa.
Mowrer, HaroldA.B. Liberal Arts Paradise, Pa.
MURPHY, RONALDB.S. Science441 Hale St., Harrisburg, Pa.
PAUL, GEORGE
PRICE, ROYDENA.B. Liberal Arts Vernfield, Pa.
RAHN, JAMESB.S. Bus. Admin338 Park St., Elizabethtown, Pa.
REINER, HENRYB.S. Bus. Admin 100 Park St., Elizabethtown, Pa.
SHOPE, NEIL
SIMPSON, CHRISTOPHER B.S. Secondary Ed 234 Harrogate Rd., Philadelphia 31,
Pa.
SNOWDEN, GLENB.S. Science737 Main St., Bethlehem, Pa.
SPRINGER, ROBERTA.B. Liberal ArtsPatton School, Elizabethtown, Pa.
STOUT, RALPH
WALMER, JAYA.B. Liberal Arts103 N. Market St., Elizabethtown,
Weaver, GeraldB.S. Bus. Admin142 Washington St., Elizabethtown,
Pa.
WECHTER, PAULB.S. Bus, Admin,Lincoln, Pa.
WILSON, HAROLDB.S. Science1409 S. Lombard St., Cicero, Ill.
WITTLE, KENNETHB.S. Ele. Education 309 S. Market St., Elizabethtown,
Pa.

BARLEY, MARY	Mcd. Scc 506 Bloom St., Danville, Pa.
BECK, MARY ANNA.B.	Liberal Arts63 E. Antietam St., Hagerstown, Md.
BENDER, JULIAB.S.	Secondary Ed437 Maple St., Lebanon, Pa.
BISHOP, FRANCES	Bus. Education 102 Main St., Oberlin, Pa.
	Ele. Education R. D. 1, Lebanon, Pa.
	Lab. Tech116 E. Ross St., Lancaster, Pa.
	Ele. Education 1944 Derry St., Harrisburg, Pa.
	Liberal Arts206 W. Broad St., Souderton, Pa.
DELSON BARRARA	Med. Sec2536 N. 5th St., Harrisburg, Pa.
Dieni Suisiev RS	Ele. Education R. D. 1, Schnecksville, Pa.
	Ele. Education 537 State Dr., Lebanon, Pa.
Funnacias Cronsi	Secretarial835 Cornwall Ave., Lebanon, Pa.
Cropp Tolynn	Med. Sec110 W. End Ave., Lititz, Pa.
	Secondary Ed119 David St., Mt. Joy, Pa.
Various Man Assess A D	Secretarial 127 Chestnut St., Cleona, Pa.
	Liberal ArtsR. D. 1, Mt. Joy, Pa.
	Bus, Education1908 Virginia Ave., Hagerstown, Md.
LANDIS, ELIZABETHB.S.	Bus. Education 1908 Virginia Ave., Hagerstown, Md.
LONGENECKER, C. PHYLLIS	Lab. TechR. D. 3, Lititz, Pa.
MEYER, MARIAN	Ele. Education . R. D. 2, Lebanon, Pa.
MILLER, MARIAN	Med. Sec51 N. Hazel St., Manheim, Pa.
MOORE, JOYCE	Lab. TechParadise, Pa.
	Bus, Education313 N. Queen St., York, Pa.
	SecretarialR. D. 1, Pine Grove, Pa.
	SecretarialSalunga, Pa.
	Ele. Education Meyersdale, Pa.
REIMER, GRETA	Med. SecR. D. 3, Manheim, Pa.
ROLAND, JEAN	Med. Sec605 S. Spruce St., Elizabethtown,
g	Pa.
	Secretarial112 Maple St., Lebanon, Pa.
SHEARER, A. DOROTHYB.S.	Ele. Education . R. D. 1, Elizabethtown, Pa.
STEHMAN, LORRAINEB.S.	Ele. Education 48 E. Second St., Lititz, Pa.
STUCKEY, NANCYB.S.	Ele. Education . R. D. 2, Elizabethtown, Pa.
	Med. Sec20 W. Elizabeth St., Maytown, Pa.
Young, Shirley	Med. SecMcClure, Pa.

Special Students

BOLLMAN, DOLORES	State Hospital, Elizabethtown, Pa.	
CASSEL, TRUMAN .		Pa.

COPE, CARL
FREY, K. ELAINE
GEORGE, DAVID
HARE, WILLIAMRheems, Pa.
HARTMAN, CHESTER
Heisey, Shirley
HEPSCHMIDT, MARY State Hospital, Elizabethtown, Pa.
HORNAFIUS, WILBUR
Paul, Gladys
Powers, Marcella State Hospital, Elizabethtown, Pa.
SHAPBELL, JUNE
THOME, RALPH
Weaver, Jean
Wells, Charles
Wells, George
YANG, CHANG-CHWAN
, and a second s

Part-time Students-1950-1951

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Bachman, Luke R. D. 5, Lebanon, Pa.
Bates, Leroy Center Sq., Elizabethtown, Pa.
Bauer, Earl R. D. 6, Lancaster, Pa.
Baugher, Stanley R. D. 2, Hanover, Pa.
Baylor, Mrs. Erma 18 W. Main St., Annville, Pa.
Boll, Betty Jane 1448 E. High St., Elizabethtown, Pa.
Boltz, Gerald 19 N. 10th St., Lebanon, Pa.
Bretz, Sara M. 129 N. Duke St., Lancaster, Pa.
Brown, Joanne Mt. Joy, Pa.
Brown, Sue 336 E. High St., Elizabethtown, Pa.
Bruch, John Landisville, Pa.
Bruch, John 345 S. Market St. Elizabethtown, Pa.
Bruch, John 345 S. Market St. Elizabethtown, Pa.
 DISNEY, MRS. TRENE 311 E. Maple St., Palmyra, Pa. DISNEY, JANICE R. D. 1, Elizabethtown, Pa. EARHART, MRS. HELEN R. D. 1, Elizabethtown, Pa. EBY, RUTH R. D. 1, Mt. Joy, Pa. ECKINGER, MRS. MARY 35 W. Willow St., Elizabethtown, Pa. ELLENBERGER, J. VERNAL R. D. 1, Annville Pa. ELLER, MRS. MINNIE Meashey Apt. 5, Elizabethtown, Pa.
  ELLER, MRS. MINNIE

ENTERLINE, EMMA

SR W. Bainbridge St., Elizabethtown, Pa.
EYLER, MRS. MAUDE

123 Linden Ave., Hanover, Pa.
FULLER, GLENWOOD

441 E. Park St., Elizabethtown, Pa.
GARBER, MRS. MARY

23 W. Willow St., Elizabethtown, Pa.
GRAVBILL, DOROTHY

R. D. 2, Hershey, Pa.
HAINES, MRS. ELSIE

149 W. High St., Elizabethtown, Pa.
HAINES, MRS. ELSIE

149 W. High St., Elizabethtown, Pa.
HAINES, MRS. SARAH

1306 W. High St., Elizabethtown, Pa.
HECK, IRMA

206 N. Market St., Elizabethtown, Pa.
HELSEY, J. EARL

R. D. 1, Palmyra, Pa.
HERSHEY, MRS. MARY

131 E. Cedar St., Elizabethtown, Pa.
HORST. ROBERT

Brownstown, Pa.
  HORNBERGER, MARYBELLE
HORST, ROBERT
HOSTETTER, JUNE
R. D. 1, Annville, Pa.
RWIN, GLENN
JONES, MRS. MARY
SAYLOR, MRS. J. M.
TATO COMESTOR, PARCHEST COMESTOR 
     MARTIN, LILY

MCCREARY, SAMUEL

Dillsburg, Pa.

McKLEY, Paul

R. D. 2, Elizabethtown, Pa.

McKLEY, Paul

R. D. 2, Elizabethtown, Pa.

Miller, Mrs. Myron

245 Maple Ave., Hershey, Pa.

Morganthall, Mrs. Elizabeth

415 Elm Court, Middletown, Pa.

Murray, John

103 N. 26th St., Camp Hill, Pa.

Musser, Richard

103 Mt. Joy St., Elizabethtown, Pa.

Nation, Robert

180 E. Willow St., Elizabethtown, Pa.
```

ATTON, MRS. LILLIEN

Linden Ave., Elizabethtown, Pa.

JERSOL, JAY

716 E. King St., Lancaster, Pa.

LAFFENSPERCER, PAUL

2723 Lexington St., Harrisburg, Pa.

LAMBLER, MRS. LYDIA

R. D. 1, Middletown, Pa.

LANCK, MRS. ANNE

West Willow, Pa.

LOER, MRS. ADA

R. D. 1, Palmyra, Pa.

LOER, MRS. HELEN

Mounted Route, Middletown, Pa.

LAYLOR, MRS. MURIEL

CHARIER, WAYNE

114 W. End Ave., Lititz, Pa.

CHULE, HELEN

CHWARTZ, JOHN

R. D. 2, Lancaster, Pa.

LIHANK, RUTH

236 Emaus St., Middletown, Pa.

HANK, RUTH

126 E. Park St., Elizabethtown, Pa.

NYDER, EDITH

126 E. Park St., Elizabethtown, Pa.

NYDER, MRS. GERALDINE

WEIGARD, MARY

R. D. 2, Box 70, Hallfax, Pa.

YON NIEDA, STANLEY

VARFEL, KENNETH

R. D. 2, Charles Rd, Lancaster, Pa.

VEAVER, MRS. HAZEL

112 Cedar St., Elizabethtown, Pa.

LYAFEL, KENNETH

R. D. 2, Charles Rd, Lancaster, Pa.

VEAVER, MRS. HAZEL

112 Cedar St., Elizabethtown, Pa.

VEAVER, LAURA

VORKMAN, MARY

East Petersburg, Pa.

OST, SADIE MAE

370 Donegal Springs Rd., Mt. Joy, Pa.

LEAGER, LILLY

LIMMERMAN, MARVIN

601 E. Main St., New Holland, Pa.

1950-Intersession

MAY 31 TO JUNE 17

Men

KING, FRANCIS	dolph Place South Ones N. I
KLAUSS, NOAH	201 Ct Hamilton D.
KLING, EDMUNDBlairs 1	. 2nd St., narrisburg, Pa.
Kurner Joseph	vills, Pa.
KNEPPER, JOSEPH442 N.	Mary St., Lancaster, Pa.
Leber, James	Maple St., Dallastown, Pa.
LEHMAN, CARLTON	2nd St., Lebanon, Pa.
LEWIS, JAMES	, Palmyra, Pa.
Liggio, Carl	ovnton Ave., Bronx, N. Y.
Long, Amos	Maple St., Cleona, Pa.
LONG, RICHARD	Market St. Vork Pa
Manifold, Hugh816 S.	Pine St. Vork Pa
McCormick, Glenn	Park St. Fligsbothtown Do
Meckley, Paul	2 Fligglesthamm D.
MEMINGER, JAMES	Laman Ca Tanana Da
MILLIAN DAVID	Carlon St., Lancaster, Pa.
MILNE, DAVID	Gotwalt St., York, Pa.
NEWMAN, HARRY	3rd St., Harrisburg, Pa.
OBETZ, JAMES	olar St., Lancaster, Pa.
Peters, Russell1040 Gi	uilford St., Lebanon, Pa.
Raber, ElwoodBainbrid	lge, Pa.
RITTER, LESTER ROley, P	a.
ROGERS, HERBERT43 W.	Liberty St., Lancaster, Pa.
ROLAND, CHARLES	Hanover St. Elizabethtown Pa
SAUERS, JOHN	umbia Road Fnola Pa
Schwankl, Alfred	"harlotte St. Langacter Da
SMITH, J. EDWARD	Main C4 Eubasta Da
SNAVELY, DAVIDLandisv	main St., Epirata, Fa.
Charles Proven	ille, Pa.
SPARKMAN, EDWIN	2nd St., Steelton, Pa.
STEILMAN, H. ROBERTSalunga	, Pa.
STOILLER, GEORGE	, Sheridan, Pa.
STONE, JESSE	10 St., New Cumberland, Pa.
Trupe, LeRoy	Fulton St., Ephrata, Pa.
Vanderwall, NormanEast De	erry Apt., Annex 16, Hershey, Pa
WARFEL, M. KENNETHR. D. 6	5. Lancaster, Pa.
Wells, Charles	Elizabethtown, Pa.
WENGER, J. IRVINR. D. 1	Palmyra Pa
WILLIAMS, FREDERICK	th St. New Cumberland Pa
WITHERS, WILLIAMR. D. 1	Flizabethtown Pa
WOODWARD, RICHARD	o Ct Ctoolton Do
WOODWARD, RICHARD420 RIG	ge St., Steemon, Pa.

BASTIAN, MRS. MARGARET
ESHBACH, DORIS
FORNEY, Mrs. Edna
HOOVER, MRS. LOLETA
KEENER, MRS. LUELLA
LEUSCH, MARY L
MARTIN, LILY
MILLER, MRS. ERMA
NISSLEY, PAULINE
RIDER, Mrs. HelenMiddletown, Pa.
RIGLEY, MELBA
RUTHERFORD, LILLIAN
STAUFFER, JACQUELYN

1950-Summer Session

June 19 to July 29

Men

Armold, Roy	Maytown, Pa.
BAER. RUSSELL	R. D. 2. Mt. Joy, Pa.
BEARD, RICHARD	2075 Third St., Steelton, Pa.

BECKER, EARL BENDER, JOHN BENDER, ROBERT BENNETT, JAMES BERGER, JOHN BOLTZ, PAUL BOWERS, RAYMOND BOYER, FREDERICK BRANDT, JAY BRENERMAN, GEORGE BRINSER, CLYDE BRUBAKER, RICHARD BRUSCIA, ANTHONY	120 G
BENDER TAUN	.139 Grant St., Ephrata, Pa.
BENDER, PORERT	.2044 Waldo St., Harrisburg, Pa.
BENNETT. JAMES	1814 North St. Harrishurg Pa
Berger, John	.4 W. College Ave., Elizabethtown, Pa.
BOLTZ, PAUL	.809 S. Market St., Elizabethtown, Pa.
Bowers, RAYMOND	.Box 27, F. & M. College, Lancaster, Pa.
BOYER, FREDERICK	.Pillow, Pa.
BRANDT, JAY	R. D. 1, Manheim, Pa.
BRINGER CLARE	.68 Orange St., Elizabethtown, Pa.
BRUBAKER RICHARD	Landisville Pa
BRUSCIA, ANTHONY	General Delivery Hershey Pa
BUCHER, WILBUR	.R. D. 8. Lancaster. Pa.
CONSLEY, JOHN	.240 S. Royal St., York, Pa.
Cox, Stanford	.42 Manor Aye., Millersville, Pa.
DETWILER, ROBERT	Oaks, Pa.
DONNELLY, MICHAEL	.802 N. Duke St., Lancaster, Pa.
ENTERLINE ROBERT	./40 W. Filladelphia St., 10fk, Fa.
FARLEY RICHARD	. 1411 Susquehanna St. Harrishurg Pa
FRANK, JACK	.R. D. 1. Bainbridge, Pa.
FRANTZ, J. MORGAN	.932 Lehman St., Lebanon, Pa.
GARRETT, ROBERT	.604 Race Aye., Lancaster, Pa.
GOODMAN, WALTER	.2175 Hone Ave., Bronx, N. Y.
CRIMM, ELWOOD	.917 S. Spruce St., Elizabethtown, Pa.
GROFF HARVEY A ID	Salunga Pa
GROSS. MERRILL	. 1723 N. Sixth St., Harrisburg, Pa.
HADLOCK, LEE	.1719 N. Third St., Harrisburg, Pa.
HAVERSTICK, R. DONALD	.East Petersburg, Pa.
Heilig, Harry	.1717 Anna St., New Cumberland, Pa.
HEISEY, J. EARL	.R. D. 1, Palmyra, Pa.
HENISE, LEON	119 F Cottage Place Vork Pa
HESS BEN	R. D. 1. Mt. Joy. Pa.
HIEPLER, ARTHUR	.633 Manor St., Lancaster, Pa.
HIVNER, RICHARD	.125 S. Second St., Steelton, Pa.
HOLTZMAN, WAYNE	.128 Lincoln St., Steelton, Pa.
BRENEMAN, GEORGE BRINSER, CLYDE BRUBAKER, RICHARD BRUSCIA, ANTHONY BRUSCIA, ANTHONY BUCHER, WILBUR CONSLEY, JOHN COX, STANFORD DETWILER, ROBERT DONNELLY, MICHAEL DOTTERER, STANLEY ENTERLINE, ROBERT FARLEY, RICHARD FRANK, JACK FRANZ, J. MORGAN GARRETT, ROBERT GOODMAN, WALTER GRIMM, ELWOOD GRIMM, LEONARD GROFF, HARVEY A., JR. GROSS, MERRILL HADLOCK, LEE HAVERSTICK, R. DONALD HEILIG, HARRY HEISEY, J. EARL HENISE, LEON HIEPLER, ARTHUR HIVNER, RICHARD HOOPERT, DANIEL HOOPES, RICHARD HOOPERT, DANIEL HOOPES, RICHARD HORNBERGER, LEE HYLTON, DALE HYMAN, WILLIAM G., JR. LICENFRITZ, JOHN LEFFERSON, MICHAEL KAY, THOMAS KENDIG, JOHN KERCHNER, HENRY KIEHL, JOHN KLAUSS, NOAH KLING, EDMUND KREBS, DONALD KREIDER, JOHN KREBS, DONALD KREIDER, JOHN KREBS, DONALD KREIDER, JOHN KREEL, JOHN KREES, DONALD KREIDER, JOHN KRENLY, WILLIAM	.123 Delta St., Mt. Joy, Pa.
HORNARIUS WITHIN H ID	Elizabethtown Pa
HORNBERGER. LEE	Box 236, Hershey, Pa.
HYLTON, DALE	. Willis, Va.
HYMAN, WILLIAM G., JR	.1019 S. 18th St., Harrisburg, Pa.
ILGENFRITZ, JOHN	.205 W. Main St., Hummelstown, Pa.
KAY THOMAS	433 Oak Hill Drive, Middletown, Pa.
Kendig. John	Salunga. Pa.
KERCHNER, HENRY	. Lincoln, Pa.
KIEHL, JOHN	.540 E. Market St., Marietta, Pa.
KLAUSS, NOAH	.1801 N. Second St., Harrisburg, Pa.
Keeps Donard	Clan Rock Pa
KREIDER JOHN	R. D. 2. Mt. Joy. Pa.
LANTZ, W. WILLIAM	.236 Harris St., Harrisburg, Pa.
Leber, James	. Dallastown, Pa.
LEHMAN, CARLTON	.613 S. Second St., Lebanon, Pa.
LEONHARD, DONALD	.133 N. Union St., Middletown, Fa.
LONG RICHARD	1730 W Market St., York, Pa.
LONGENECKER ROBERT	R. D. 1. Elizabethtown, Pa.
Manifold, Hugh	.816 S. Pine St., York, Pa.
McCormick, Glenn	.460 E. Park St., Elizabethtown, Pa.
MECKLEY, PAUL	R. D. 2, Elizabethtown, Pa.
MILNE, DAVID	.209 N. Gotwait St., 10tk, 1 d.
NEWMAN HARDY	3005 N. Third St., Harrisburg, Pa.
OBETZ. JAMES	.628 Poplar St., Lancaster, Pa.
Peiffer, Dale	.213 N. Market St., Elizabethtown, Pa.
PETERS, RUSSELL	.1070 Guilford St., Lebanon, Pa.
RAFFENSPERGER, PAUL C., JR	.2/23 Lexington St., Harrisburg, Pa.
KLAUSS, NOAH KLING, EDMUND KREBS, DONALD KREDER, JOHN LANTZ, W. WILLIAM LEBER, JAMES LEHMAN, CARLTON LEONHARD, DONALD LEWIS, JAMES LONG, RICHARD LONGENECKER, ROBERT MANIFOLD, HUGH MCCORMICK, GLENN MECKLEY, PAUL MILNE, DAVID MOWRER, HARDLD NEWMAN, HARRY OBETZ, JAMES PEIFFER, DALE PETERS, RUSSELL RAFFENSPERGER, PAUL C., JR. RISSER, MARTIN RITTER, LESTER R. ROHRBAUGH, EARL SCHOTT, CLIFFORD	Olev. Pa.
Rohrbaugh, Earl	910 S. 17th St., Harrisburg, Pa.
SCHOTT, CLIFFORD	.Berlin, Md.

SCHWARTZ, JOHN
SHUSTER, HARRY
SMITH, J. EDWARD
SNAVELY, DAVIDLaudisville, Pa.
SPARKMAN, EDWIN
SPOTWOOD, JOSEPH
STORLER, GEORGER. D. 1. Sheridan Pa
TAYLOR, LESLIE
TRUPE, LEROY
WELLS, CHARLES
Wenger, J. Irvin
WILLIAMS, FREDERICK
Woodward, Richard
Yon, Andre

ALWINE,	MRS. KATHRYN	345 N. Hanover St., Elizabethtown, Pa
ANDERSON,	, CORA	Kersey, Pa.
Boardman	MARY	820 Buchanan Ave., Lancaster, Pa.
CAMPBELL	. Alma	Route 1, Box 39, Sellersville, Pa.
CARTER E	DOROTHY	16 Elm Lane, Middletown, Pa.
COLBERT	Mpc I 17 A	202 Cumbardand Ct. II D.
DONNELL	Mag. Dimeser.	303 Cumberland St., Harrisburg, Pa.
FOUNDAME	Danes PATRICIA	802 N. Duke St., Lancaster, Pa.
ESHBACH,	DORIS	7 S. Market St., Mt. Joy, Pa.
EYLER, M	RS. MAUDE	123 Linden Ave., Hanover, Pa.
FORRY, M	RS. RACHEL	Route 2, Hershey, Pa.
GINGRICH,	ELEANOR	Oakland Mills, Pa.
HARRIS, N	IRS. NANCY	200 Verbeke St., Harrisburg, Pa.
HILSHER.	Anna Jean	Route 1, Elizabethtown, Pa.
KEENER.	MRS. LUELLA	Route 3, Elizabethtown, Pa.
LAWVER	JUSTINE	Riglerville Pa
LICHT A	DIENE	829 Fifth St., Lancaster, Pa.
Manney	T	Dante 2 Film St., Lancaster, Fa.
MARIIN,	Man Man	Route 2, Elizabethtown, Pa.
D. MAYHEW,	MRS. MONA	1610 Verbeke St., Harrisburg, Pa.
PAXSON, 1	BETTE	811 S. Market St., Elizabethtown, Pa.
		2923 N. Walnut St., Harrisburg, Pa.
Rohrbaug	H, Mrs. Mary	910 S. 17th St., Harrisburg, Pa.
RUTHERFO	ord, Lillian	Bainbridge, Pa.
SAYLOR, N	Ars. Muriel	40 N. Poplar St., Elizabethtown, Pa.
		Route 2, Thomasville, Pa.
		351 Lincoln St., Steelton, Pa.
		559 Benton St., Harrisburg, Pa.
		136 Washington St., Myerstown, Pa.
		Englishtown, New Jersey
WEISHAAR	, MILDRED	Englishtown, New Jersey

1950-Post Session

July 31 to August 19

Men

	36 (5
Armold, Roy	Maytown, Pa.
BAER, RUSSELL	Route 2. Mt. Joy. Pa.
BEARD, RICHARD	207 S 3rd St Steelton Pa
BECKER, EARL	130 Cront St. Ephroto Po
BECKER, EARL	1.139 Grant St., Ephrata, Fa.
Bender, John	2644 Waldo St., Harrisburg, Pa.
Bennett, James R	. 1814 North St., Harrisburg, Pa.
BERGER, JOHN	. 4 W. College Ave., Elizabethtown, Pa.
BOLTZ, PAUL	. 809 S. Market St., Elizabethtown, Pa
BOYER, FREDERICK	
BRANDT, HARVEY	
BRENEMAN, GEORGE	. 68 Orange St., Elizabethtown, Pa.
BRINSER, CLYDE	25 Mill St., Middletown, Pa.
BRUBAKER, RICHARD	· Landisville, Pa.
BRUSCIA, ANTHONY	General Delivery, Hershey, Pa.
BUCHER, WILBUR	. Route 8, Lancaster, Pa.
CONSLEY, JOHN	240 S. Royal St., York, Pa.
Cox, Stanford	. 421 Manor Ave., Millersville, Pa.
DAVEY, WILLIAM	
DETWILER, ROBERT	
Donnelly, Michael	802 N. Duke St., Lancaster, Pa.

De Company Com	
DOTTERER, STANLEY S	
ENTERLINE, ROBERT H	vn, Pa.
FARLEY, RICHARD	urg, Pa.
FICHTER, JACK	ntville, N. J.
GARRETT, ROBERT	
GOOD, RICHARD	
GRIMM, LEONARD	?a.
GROFF, HARVEY	
GROSS, MERRILL	Pa.
HADLOCK, LEE	Pa.
HAVERSTICK, R. DONALDEast Petersburg, Pa.	
HERR, JACK	
HESS, EARL 4 Ehrhorn St., Lebanon, Pa.	
HIEPLER, ARTHUR	
HOLTZMAN, WAYNE	
HOOPERT, DANIEL	
HORNAFIUS, WILBURElizabethtown, Pa.	
ILGENFRITZ, JOHN	n Do
JEFFERSON, MICHAEL	II, I a.
JORDAN, STEPHEN	D-
KAUFFMAN, ROBERT	d.
KERCHNER, HENRYLincoln, Pa.	
KETTERING, STANLEY	D
KIEHL, JOHN	ra.
KREIDER, JOHN Route 2, Mt. Joy, Pa. LEBER, JAMES	To.
LEBER, JAMES 76 W. Maple St., Dallastown,	Pa.
LEHMAN, CARLTON	'a.
Lewis, JamesRoute 1, Palmyra, Pa.	
LONG, AMOS 19 W. Maple St., Cleona, Pa.	
LONG, RICHARD	a.
Manifold, Hugh816 S. Pine St., York, Pa.	
Meckley, Paul	
Milne, David	,
Mowrer, Harold	
NEWMAN, HARRY	Pa.
OBETZ, JAMES	
RISSER MARTIN	n, Pa.
RITTER, LESTEROley, Pa.	
ROHRBAUGH, EARL	n, Pa.
ROLAND, CHARLES	town, Pa.
SCHOTT, CLIFFORDBerlin, Maryland	•
SCHWARTZ, JOHNRoute 2, Lancaster, Pa.	
SIIPPLE, RAYMOND	
SMITH, J. EDWARD	
SNAVELY, DAVIDLandisville, Pa.	
STOHMAN, H. ROBERTSalunga, Pa.	
Stohler, George	
TRUPE, LEROY) a
WEAVER, KENNETH	
WILLIAMS, CLIFFORD	an Pa
WILLIAMS, FREDERICK	1 P2
WOODWARD, RICHARD420 Ridge St., Steelton, Pa.	i, Id.
Yon. Andre	
TON, ANDRE WOODDING, Fa.	

NDERSON, CORAKersey, Pa.
AYLOR, MRS. ERMA
ENNETCH, Mrs. MaryRoute 4, Lebanon, Pa.
DARDMAN, MARY
ARTER, DOROTHY
ONNELLY, Mrs. Patricia802 N. Duke St., Lancaster, Pa.
UBBLE, Mrs. CoraRoute 3, Myerstown, Pa.
YLER, MRS. MAUDE
DRNEY, MRS. EDNAThompsontown, Pa.
AINES, MRS. ELSIE
ARRIS, Mrs. Nancy
ILSHER, ANNA JEAN
oover, Mrs. LoletaRoute 1, Lykens, Pa.
ICHT, ARLENE
ARTIN, LILY
ILLER, MARY JEANRoute 1, Jonestown, Pa.
AYSOR, MRS. NAOMI
EIGLE, Mrs. Ada
ider, Mrs. Helen
OHRBAUGH, MRS. MARY135 E. Park St., Elizabethtown, Pa.

RUTHERFORD, LILLIANBainbridge, Pa.
SAYLOR, MRS. MURIEL40 N. Poplar St., Elizabethtown, Pa.
SCHAFFNER, MARIAN
STAUFFER, JACQUELYN
STICKEL, MRS. ARLOARoute 3, Lebanon, Pa.
WENGER, FERNE
YANG, CHANG-CHWAN

Summary

Number of Students, 1950-1951

	Men	Women	Total
Seniors	54	18	72
Juniors	40	18	58
Sophomores	5.5	33	88
Freshmen	49	34	83
Special Students	9	10	19
Part-time Students	32	49	81
Intersession, 1950	81	23	104
Summer Session, 1950	93	29	122
Post Session, 1950	73	27	100
Total	486	241	727
Names Repeated		43	226
Grand Total	303	198	501
Grand Total	303	170	301

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Secretarial Science	-
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ELIZABETHTOWN COLLEGE

Preliminary Request for Admission

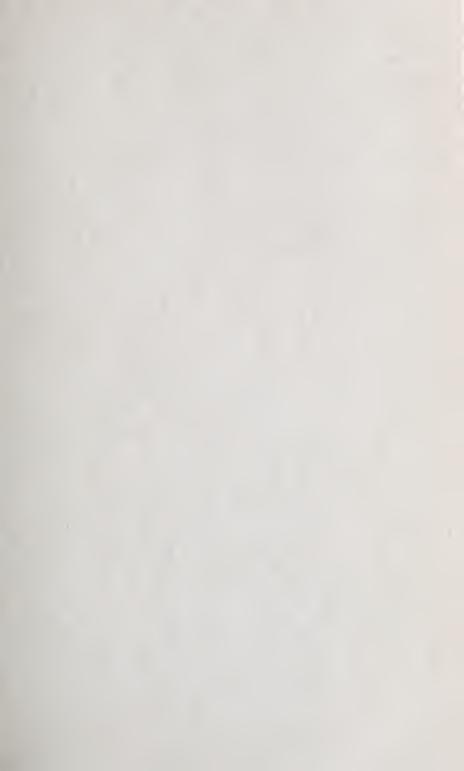
Please fill in all blanks on this application.

			Da	te	
1	Name of applicant				
1.	(Please Print)		First Name		Middle Name
2.	Permanent Address				
		Number and Street	City	County	State
3.	Date of Birth	Day	Year	Sex	
		•			
4.	Place of Birth		City and State		
5.	Name of Parent or Guar	dian			
6.	Address of Parent or Gu		and Street	City	State
7.	Birthplace of Father				
		State or Country	гу	State	e or Country
8.	Occupation of Parent or	Guardian		•••••	
9.	List below the secondary stitutions you have attend		igh and Preparat	ory Schools) and higher in-
	Name of School	Locat	ion	From	To
	a			•••••••	
	b		·····		
0.	Indicate your vocational i	nterest below:			
	☐ Teaching—Elementary	field	☐ Veterinary	medicine	
	☐ Teaching—Secondary	field	☐ Nursing		
	☐ Teaching—Business su	bjects	☐ Laboratory	Technology	
	☐ Ministry		☐ Business A	dministration	
	☐ Law		☐ Secretarial	☐ two year	·s
	☐ Medicine		☐ Medical Se	cretary	
	☐ Dentistry		☐ Others		
	☐ Osteopathy		☐ Undecided		
	☐ Industrial chemistry				

11.	Are you a veteran? Yes
	G. I. Bill of Rights? Yes No
12.	Indicate whether you are applying for admission as a resident or a non-resident student. (A student who does not live in his own home is regarded as a resident student and must
	live in the dormitory.) Resident Non-Resident
13.	Final action cannot be taken on this application until all your records have been reviewed by the Committee on Admissions.
14.	I hereby apply for admission to Elizabethtown College for the session beginning
	Month Day Year

Signature of Applicant

Application form will be sent upon receipt of this request for admission.





LIZABETHTOWN COLLEGE BULLETIN

1952 1953

LIZABETHTOWN

PENNSYLVANIA



CALENDAR =

1952

JANUARY	FEBRUARY	MARCH
SWIWIFS	SMITWIFS	SM TW TEL
	1 2	
6 7 8 9 10 11 12	3 4 5 6 7 8 9	2 3 4 5 6 7 8
13 14 15 16 17 18 19	10 11 12 13 14 15 16	9 10 11 12 13 14 15
20 21 22 23 24 25 26 27 28 29 30 31	17 18 19 20 21 22 23 24 25 26 27 28 29	16 17 18 19 20 21 22 23 24 25 26 27 28 29
		30 31
APRIL	MAY	JUNE
1 2 3 4 5		1 2 3 4 5 6 7
6 7 8 9 10 11 12	4 5 6 7 8 9 10 11 12 13 14 15 16 17	8 9 10 11 12 13 14
13 14 15 16 17 18 19 20 21 22 23 24 25 26	18 19 20 21 22 23 24	15 16 17 18 19 20 21 22 23 24 25 26 27 28
27 28 29 30	25 26 27 28 29 30 31	29 30
JULY	AUGUST	SEPTEMBER
6 7 8 9 10 11 12	3 4 5 6 7 8 9	1 2 3 4 5 6
6 7 8 9 10 11 12 13 14 15 16 17 18 19	10 11 12 13 14 15 16	7 8 9 10 11 12 13 14 15 16 17 18 19 20
20 21 22 23 24 25 26	17 18 19 20 21 22 23	21 22 23 24 25 26 27
27 28 29 30 31	24 25 26 27 28 29 30	28 29 30
OCTORER		
OCTOBER	NOVEMBER	DECEMBER
5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13
12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20
19 20 21 22 23 24 25 26 27 28 29 30 31	16 17 18 19 20 21 22 23 24 25 26 27 28 29	21 22 23 24 25 26 27
26 27 28 29 30 31	30	28 29 30 31

1953

JANUARY	FEBRUARY	MARCH		
SM TW TFS	SM TWTFS	SM TWTFS		
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 1 1 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		
APRIL	MAY	JUNE		
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		
JULY	AUGUST	SEPTEMBER		
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			
OCTOBER	NOVEMBER	DECEMBER		
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			



Library Building

Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-third Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1951-1952

Announcement of Courses 1952-1953

Vol. XXXVIII

April, 1952

No. 4

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1952

Summer Sessions-1952

June	2	Monday, 8:00 A. MIntersession Begins
June	21	Saturday, 12 M Intersession Ends
June	23	Monday, 8:00 A. MSummer Session Begins
JULY	4	Friday Independence Day (No classes)
August	2	Saturday, 12 MSummer Session Ends
August	4	Monday, 8:00 A. M
August	23	Saturday, 12 MPost Session Ends
August	4–16	Mon-Sat Bethany Biblical Seminary Extension Session

Academic Year 1952-1953

September	15-16	Monday-TuesdayFreshman Orientation
SEPTEMBER	17	WednesdayUpperclassmen Registration
September	18	Thursday, 7:40 A. M
SEPTEMBER	19	Friday, 9:30 A. MConvocation Exercises
SEPTEMBER	23	Tuesday
OCTOBER	25	Saturday
November	13	ThursdayFounders' Day
November	26	Wednesday, 12 NoonThanksgiving Recess Begins
DECEMBER	1	Monday, 12 Noon
DECEMBER	19	Friday, 12 Noon
JANUARY	5	Monday, 12 Noon
JANUARY	24	FridayFirst Semester Ends
JANUARY	27	Monday, 8:30 A. MRegistration Second Semester
JANUARY	28	Tuesday, 7:40 A. M
APRIL	2	Thursday, 12 NoonEaster Recess Begins
APRIL	6	Monday, 12 Noon
M_{AY}	29	Friday Second Semester Ends
MAY	30	SaturdayAlumni Day
MAY	31	SundayBaccalaureate Service
June	1	Monday, 10:00 A. M
•		

1953

Summer Sessions-1953

2	Tuesday, 8:00 A. MIntersession Beg	gins
20	Saturday, 12 M Intersession E	nds
22	Monday, 8:00 A. MSummer Session Beg	gins
4	SaturdayIndependence Day (No class	es)
1	Saturday, 12 M Summer Session E	nds
3	Monday, 8:00 A.MPost Session Beg	gins
22	Friday, 12 MPost Session E	nds
	20 22 4 1 3	20 Saturday, 12 M. Intersession E 22 Monday, 8:00 A. M. Summer Session Beg 4 Saturday Independence Day (No class 1 Saturday, 12 M. Summer Session E 3 Monday, 8:00 A. M. Post Session Beg

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900 for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On Friday, May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- a. That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- b. That a man can give his best only when he keeps his mind as the master of his body.

- c. That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- d. That life in college calls for hard work and firmness of purpose.
- e. That a college education is regarded not only as "preparation for life" but as life.
- f. That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement,

forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic beverages is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

Elizabethtown College is located in Elizabethtown, Pennsylvania, a prosperous town of about 5,500 inhabitants in the northern part of fertile Lancaster County, aptly styled the "Garden Spot of the World." The town is a busy, growing place with numerous prosperous industries. The main line of the Pennsylvania Railroad, connecting New York and Chicago by the way of Lancaster and Philadelphia, passes through the town.

Elizabethtown has direct bus connections with Lancaster and Harrisburg. Furthermore, Elizabethtown is located on the main highway connecting the State Capital and Philadelphia through Lancaster. It is situated equidistant from four county seats, Harrisburg, Lancaster, York, and Lebanon. Auto bus lines connect Elizabethtown with the large cities in the eastern part of the United States.

The town is near the Conewago Hills. Its landscape is most charming, and its hills, on one of which the College is located, are beautiful. These features have attracted to this locality the widely-known Masonic Homes, the Patton Trade School, and the Hospital for Crippled Children.

The gorgeous sunsets on the western horizon will ever live in the memory of those who have attended Elizabethtown College. Several miles west of Elizabethtown flows the Susquehanna River, a lordly stream winding among verdant hills.

Trustees of Elizabethtown College

	613		
	Term Expire		
	December		
	1952	S. Clyde WeaverEast Petersburg, Pa.	
	1952	Rufus P. RoyerEphrata, Pa.	
	1952	Howard A. Merkey	
	1953	J. W. Kettering Elizabethtown, Pa.	
	1953	F. S. Carper	
	1954	Rufus P. BucherQuarryville, Pa.	
		Norman K. Musser	
	1954	Berkey Knavel	
	1052	Southern Pennsylvania	
	1952	Jacob L. Miller	
	1953 1953	N. S. Sellers Lineboro, Md.	
	1954	Edward E. Baugher Hanover, Pa. Chester H. Royer York, Pa.	
	1954		
	1052	Nominated by the Alumni Association	
	1952 1953	Rufus K. Eby	
	1954	Charles E. Weaver	,
	1751		
	1952	Nominated by the Board of Trustees Paul M. Crubb	
	1952	Paul M. GrubbElizabethtown, Pa. Jacob K. GarmanElizabethtown, Pa.	
		J. Aldus RinehartWest Englewood, N. J.	,
	1953	Joseph N. CasselFairview Village, Pa.	,
	1953	John F. Sprenkel	
	1954	J. Linwood EisenbergShippensburg, Pa.	
•	1954	Samuel S. WengerLancaster, Pa.	
	1954	Philip R. Markley Norristown, Pa.	
	I	President A. C. Baugher is a member of the Board	
		by virtue of his office.	
		ard holds two regular meetings each year, the one on the	
	afterr	noon of Commencement Day, and the other on the second	L
	Satur	day in October.	
		Executive Committee	
		Rufus P. Bucher	
	J. L. MI	LLER J. W. KETTERING HOWARD A. MERKEY N. S. SELLERS SAMUEL S. WENGER	
		Finance Committee	
	N. K. M		:
		USSER K. Ezra Bucher J. W. Kettering F. S. Carper John F. Sprenkel	
		Equipment Committee	
	K. Ezra		ł
		JACOB K. GARMAN S. CLYDE WEAVER Chairman of the Board is member ex-officio of all committees.	
	2 1.0	Officers of the Board	
	Chairma	n, R. P. Bucher Secretary, J. W. Kettering	ì
	Vice-Cho	irman, J. L. Miller Treasurer, K. Ezra Bucher	t
		[7]	

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College; A.B., Elizabethtown College; B.S., Franklin and Marshall College; M.S., University of Pennsylvania; Graduate Student, Columbia University; Ph.D., New York University; LL.D., Franklin and Marshall College.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College; Ed.M., Temple University; Ed.D., Temple University; Graduate Student, Columbia University and Duke University.

J. Z. Herr

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College; Student, Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College; A.M., University of Pennsylvania; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College; Art Student, Albright College and Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College; Graduate Eastman Business College; A.B., Juniata College; A.M., Columbia University; Graduate Student, Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabethtown College; A.B., Ursinus College; A.M., Ursinus College; Litt.D., Ursinus College; Student, Bethany Biblical Seminary; Completed Ph.D., residence requirements, Columbia University Graduate Student, University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh; M.S., University of Pittsburgh; Ph.D., University of Pittsburgh.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Pennsylvania State College.

FREDERICK C. NEUMANN

Professor of Languages

Ph.D., (Language) University of Vienna; Ph.D., (Political Science) University of Vienna; Graduate Student, University of Prague, University of Bristol and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music—Piano, 1919; Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M. Mus., Northwestern University, 1947; Student Columbia University and Juilliard School of Music, Summer, 1950.

ELMER B. HOOVER

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College; M.Ed., Pennsylvania State College; Graduate Student, Pennsylvania State College.

GALEN C. KILHEFNER

Associate Professor of Sociology and Psychology

B.S., Elizabethtown College; Ed.M., Temple University; Graduate Student, University of Pennsylvania.

CARL E. HEILMAN

Associate Professor of Mathematics and Physics

A.B., Lehanon Valley College; A.M., Duke University; Graduate Student, University of Chicago, Syracuse University.

EPHRAIM GIBBEL MEYER

Reference Librarian

Pd.B., Elizabethtown College; A.B., Elizahethtown College; Graduate, Music Teachers' Course; Student, American Conservatory of Music, Chicago; A.M., Columbia University; Diploma, Teacher of Public School Music, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizahethtown College; A.M., Columbia University; Graduate Student, Columbia University.

ROBERT F. ESHLEMAN

Associate Professor of Business Education and Sociology

B.S., Elizabethtown College; B.D., Bethany Biblical Seminary; M.S., University of Illinois; Ph.D., Cornell University.

ALBERT L. GRAY, JR.

Associate Professor of Business Education

B.S., Drexel Institute of Technology; M.B.A., Boston University; Graduate Student, University of Pennsylvania.

K. Ezra Bucher

Treasurer and Business Manager, Assistant Professor of Business Education

B.S., Elizabethtown College; Student, Lebanon Valley College; M.S., New York University.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers College; B.S.L., Columbia University,

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College; M.Ed., Pennsylvania State College; Graduate Student, Duke University.

Bessie D. Apgar

Assistant Professor of Biology

A.B., Muskingum College; M.S., University of Pittsburgh; Ph.D., University of Pennsylvania.

WILHELM REUNING ?

Assistant Professor of History and Political Science

B.S., University of Pennsylvania; M.S., University of Pennsylvania; Graduate Student, University of Pennsylvania.

IRA R. HERR

Director of Athletics and Instructor in Physical Education

A.B., Franklin and Marshall College; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

JOSEPH H. DODD

Instructor in Physical Education and Dean of Men

B.S., Elizabethtown College; New York University.

ELEANOR M. HOLLIS

Instructor in Business Education

A.B., Cedar Crest College; A.M., Boston University.

ROBERT A. BYERLY

Instructor in Bible

A.B., Oklahoma A. & M. College; B.D., Bethany Biblical Seminary; A.M., Butler University; Graduate Student, Garrett Biblical Institute.

KATHRYN HERR

Instructor in French

A.B., Lebanon Valley College; Graduate Student, French Institute of Pennsylvania State College and Temple University.

ELINOR B. NEUMANN

Instructor in German

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of Band and Orchestra

B.S. in Music, West Chester State Teachers' College.

JANE M. BAHR

Part-time Instructor in Art

B.S., Kutztown State Teachers College.

Mrs. Theresa Fetter

Part-time Instructor in Organ

B.M., Temple University; M.Mus., Philadelphia Musical Academy; Student, Westminster Choir College.

SAMUEL S. WENGER

Special Lecturer in Law

A.B., Elizabethtown College; A.M., Temple University; LL.B., Temple University; Member, Lancaster County Bar.

CHARLES E. WEAVER

Special Lecturer in Medical Laboratory Technique

B.S., Elizabethtown College; M.D., Hahnemann Medical College; Member, Lancaster General Hospital Staff,

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S Treasurer and Business Manager
VERA R. HACKMAN, A.B., A.M Dean of Women
EBY C. ESPENSHADE, B.S., M.Ed Director of Admissions
ELMER B. HOOVER, B.S., M.ED Secretary to Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M
ROBERT A. BYERLY, A.B., B.D., A.M.
Director of Religious Activities
ALICE S. HEILMAN, B.S., B.L.S
JOSEPH H. DODD, B.S
ROBERT S. YOUNG, A.B., Ed.M Administrative Assistant
JESSIE K. Cosner
CARRIE W. Ellis
JAYNE H. ROYER Secretary to the President
PHYLLIS M. MEYERSBookkeeper
RUTH A. ZIMMERLY, B.S Recorder and Secretary to the Dean
ESTA E. CRAIGHEAD Secretary, Alumni Office
VIRGINIA G. HIXSON Secretary to the Treasurer
RUTH C. BUCHER, R.NStudent Nurse
Delores J. OlingerStorekeeper
L. D. Rose, A.B., A.M
Director, Brethren Historical Records Library

Administration—A. C. BAUGHER, HENRY G. BUCHER, K. EZRA BUCHER Admissions and Personnel—Henry G. Bucher, Vera R. Hackman, Galen C. Kilhefner, Eby C. Espenshade, Joseph H. Dodd

Instruction—Henry G. Bucher, R. W. Schlosser, Charles S. Apgar, WILHELM REUNING, ALBERT L. GRAY, JR.

Housing-K. Ezra Bucher, Vera R. Hackman, Joseph H. Dodd, Carrie ELLIS, JESSIE K. COSNER

Religious Activities—A. C. BAUGHER, NEVIN H. ZUCK, ROBERT A. BYERLY,

Nevin W. Fisher Social Activities-Vera R. Hackman, Joseph H. Dodd, Jessie K. Cosner Placement—Galen C. Kilhefner, Henry G. Bucher, Charles S. Apgar, EBY C. ESPENSHADE, ELMER B. HOOVER, ALBERT L. GRAY, JR.

Publications—Administrative Committee, Eby C. Espenshade, Vera R.

Public Programs—C. E. Heilman, E. G. Meyer, K. Ezra Bucher, ELEANOR M. HOLLIS, NEVIN W. FISHER, ALICE S. HEILMAN, VERA R. HACKMAN

Library-Alice S. Heilman, R. W. Schlosser, Frederick C. Neumann, E. G. MEYER

Athletics-K. Ezra Bucher, Ira R. Herr, Joseph H. Dodd, Eby C. ESPENSHADE, O. F. STAMBAUGH

Health—O. F. Stambaugh, Ira R. Herr, K. Ezra Bucher, Charles E. Weaver

Academic Regulations

Admission of Students

The Committee on Admissions and Personnel attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of fifteen Carnegie units of secondary school work.

The suggested requirements for admission to the freshman class are:

English3 units		
History and Social Studies2 units	Mathematics2	units
Language2 units		

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions and Personnel, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Dean of the College for an application blank.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his core subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the core, shall be three.

Majors for A.B. in Liberal Arts

English—English, eighteen to twenty-four hours exclusive of English Composition.

History and Political Science—History and Political Science, eighteen to twenty-four hours, exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours.

Bible and Philosophy—Eighteen to twenty-four hours.

Mathematics—Eighteen to twenty-four hours.

Sociology-Eighteen to twenty-four hours.

Music—A major of eighteen to twenty-four hours with a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

Social Studies—History and at least one course in Economics, Sociology and Political Science—eighteen to twenty-four hours exclusive of History 10a-b.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10 a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—Twenty-four semester hours beyond Chemistry 10 a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

B.S. in Education

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select wisely his field of concentration. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Grades and Reports

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five point deficiency occurs, the dean will call the student for a conference.

Upon a fifteen point deficiency, the student is warned that there must be improvement during the next semester.

At the end of the semester in which a student receives his second warning he must have reduced his deficiency in order to continue in college.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality points.

In order to be eligible for graduation, students must have quality points equal in number to the semester hours required for the degree. Quality points are determined as follows:

Grade	Quality Points per s. h.
A	
В	2
C	1
D	0
F	—1

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated the year of his admission.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of eight semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation. All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

Only grades earned at Elizabethtown College will be used in determining whether a student will be graduated with honors.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

For every 18 clock hours of absences from classes one semester hour of credit shall be deducted from the course in which the greatest number of absences has occurred.

Absences incurred on account of exigencies such as service, illness of the student, the death of a relative, duty away from college as an official representative of the institution, substitute teaching, or approved field trips, are counted at one-half the above rate. Illness is recognized as such only by physician's signature.

Absences from chapel are counted at the same rate as class absences.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The Faculty Committee on Admissions administers the regulations concerning absences.

All students are expected to attend religious services each Sunday in the church of their choice. Students are also urged to attend the regular midweek vespers conducted at the College and to participate in the many other types of religious activities.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and Literature	8–12 S. H. 4– 6 S. H.
At least two of the following:	
History of Philosophy Ethics History Psychology	3 S. H. 3 S. H. 4- 6 S. H. 2- 3 S. H.
At least one of the following:	
Latin French German Spanish	12–16 S. H.
Natural Sciences—Physical or Biological Social Sciences	4- 6 S. H. 4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English Major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Courses Required for the A.B. Degree in Liberal Arts

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education*	3 2 2 3 3 2 1	3 2 2 3 3 2 1
Total	16	16
Sophomore Year		
English Literature Modern European History Language Economics or Sociology Science Electives †	3 2 3 3 4 2	3 2 3 4 2
Total	17	17
Junior Year		
Literature History of the United States and Pennsylvania Speech Bible Electives* Education* Economics History Language Sociology	2 3 2 9	2 3 2 9
Total	16	16
Senior Year		
Philosophy Ethics American Government Electives † Bible Education †	3 12–14	3 3 9–11
English History and Political Science Sociology		
Total	15–17	15–17

^{*}Two years Physical Education required.
† Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

This course which leads to the degree, Bachelor of Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3-6 S. H.
Adv. math., including algebra and trigonometry.	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a one-year pre-engineering course. This permits students to study the fundamental subjects of the first year, such as English, biology, mathematics, physics, chemistry, language and history with the advantages of small classes and of personal contact with professors.

Affiliations with some of the leading engineering schools have been worked out so that students who take their freshman year at Elizabethtown College can usually complete their engineering course without extra time. Students should in each case ask the Dean to secure from the school which the student expects to enter full approval of his program of studies.

Pre-nursing

In this, as in all other science fields, the past decade has witnessed a strong trend toward broadening the preparation for nurses. The three-year regulation course of the hospital school admits high school students, but prefers women with at least some collegiate experience. In many cases the best positions in this profession are reserved for college graduates. A number of colleges now offer graduate training in nursing, following the bachelor's degree.

Students who can remain in college no longer than two years should follow the program given in the freshman and sophomore years in the B.S. in Science curriculum. Those able to complete four years as college undergraduates should conform generally to the pre-medical program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

The curriculum preparing students for medical technology in cooperation with the Lancaster General Hospital and St. Joseph's Hospital, Lancaster, Pennsylvania, has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Courses Required for the B.S. Degree in Science

Freshman Year	Semeste 1st Sem.	r hours 2 d Sem.
English Composition History of Civilization Language Chemistry Mathematics Psychology	3 2 3 4 3 2	3 2 3 4 3 2
Total	17	17
Sophomore Year		
English Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
History of the United States and Pennsylvania Speech Science or Mathematics Bible Electives* Education* Language Mathematics Science Sociology	3 2 3–4 2 6	3 3–4 2 8
Total	16–17	16–17
Senior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Physical Education Electives*	3 2 1 6	3 3 3 1 5
Education* History and Political Science Mathematics Science Sociology		
Total	15	15

^{*} See footnote on page 21.

Requirements for the Degree of B.S. in Medical Technology

Freshman Year	Semest 1st Sem.	er hours 2d Sem.
General Chemistry General Biology English Composition College Algebra	4 4 3 3	4 4 3
Trigonometry General Psychology Physical Education	2	3 2 1
Total	17	17
Sophomore Year		
Qualitative Analysis Quantitative Analysis Histology Bacteriology Bible English Literature History of Civilization Physical Education	5 4 2 3 2 1	5 4 2 3 2 1
Total	17	17
Junior Year		
Introduction to Philosophy Ethics Physics Organic Chemistry History of the U. S. and Pennsylvania American Government Electives *	3 4 4 3 3	3 4 4 3 3
Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

^{*} Typewriting-if not proficient-2 credits.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 s.h. including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.
Practice Teaching in the appropriate field	6 S. H.

Secondary Education Elementary Education Special Methods Hygiene Educational Measurements Educational Sociology History of Education Principles of Education

Visual Education

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Course Requirements for the B.S. Degree in Education

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition Bible History of Civilization General Psychology Introduction to Education Physical Education	3 2 2 2	3 2 2 3 1
Electives—Either A or B A. For Elementary Field *		
Public School Music Physical Science Teaching of English Teaching of Geography	2 3 3	3
B. For Secondary Field (any two subjects) Science Languages Mathematics Total	4 3 3 16–17	4 3 3 15–17
Sophomore Year		
English Literature Bible Physical Education	3 2 1	3 1
Electives—Either A or B		
A. For Elementary Field * Curriculum in Arithmetic Child Psychology Teaching of Health and Hygiene Teaching of Public School Art General Biology	3 2 2 4	3 2 2 4
B. For Secondary Field (elect from fields of interest)		
Modern European History Biology, Chemistry, or Physics Mathematics Languages Principles of Economics Sociology Total	3	2 4 3 3 3 3 15–17
Ι Οιαι	1,	15-17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

	C	1
Junior Year	Semeste. 1st Sem.	r nours 2d Sem.
History of the United States and Pennsylvania	3	3
Educational Psychology	3	
Educational Measurements Sociology Speceh Visual Education	3 2	3
Physical Education	1	
Electives—Either A or B		
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of Reading	3	3 3 3
Electives	2	
B. For Secondary Field		
Principles and Methods of Secondary Education Others selected from field in which student expects to teach	2	2
Total	17	17
Senior Year		
History of Philosophy Ethics American Government History of Education Bible	3	3 3 3 2
Electives—Either A or B		
A. For Elementary Field *		
Principles of Elementary Education	2 8	
B. For Secondary Field		
Practice Teaching	8 2	6
Total	13-15	
Total	13-15	17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers the following courses:

Business Administration
Business Education—Teaching

Secretarial Science

Four-year degree course in secretarial science Two-year certificate course in secretarial science Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide the students with the basic methods of analysis and the intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. By giving all students of Business a basic core of professional courses in business administration they should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. In this way a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and statistics.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition Survey of Biblical History Principles of Accounting History of Civilization Basic Mathematics	3 2 3 2 3	3 2 3 2
Mathematics of Business General Psychology Physical Education	2 1	3 2 1
Total	16	16
Sophomore Year		
Survey of English Literature	3 3	3
Cost Accounting	4	3 4
Principles of Economics Sociology	3	3
Physical Education	1	1 3
Total	- 17	17
Junior Year		
Business Law Money and Banking Corporation Finance History of the U. S. & Pennsylvania Economic and Human Geography Bible Electives	3 3 3 3	3 3 3 2 3
Total	15	17
Senior Year		
Business Statistics American Government Ethics	3	3 3 3
Personnel Administration	3	_
Industrial & Labor Relations	9	3
Total	15	15

Business Education—Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3 S. H.
Education Psychology	3 S. H.
Professional Methods	6 S.H.
Practice Teaching in Business Education	6 S.H.
History of the U. S. & Pennsylvania	3 S. H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S.H.
Commercial Law	6 S.H.
Commercial Arithmetic	3 S.H.
Office Practice	3 S. H.
Salesmanship	3 S.H.
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	3 S.H.
Economics	6 S.H.
Retail Selling	12 S.H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Psychology Accounting Shorthand * Typewriting * Basic Mathematics Introduction to Education	3 2 3 3 2 3	3 2 3 3 2
Physical Education	1	1
Total	17	17
Sophomore Year		
English Literature Shorthand Accounting Typewriting	3 3 2	3 3 3
Business Correspondence Secretarial Office Practice Office Machine Practice Principles of Economics Physical Education	1 1 3 1	3 1 1 3
Total	17	17
Junior Year		
History of the United States and Pennsylvania Human and Economic Geography Business Law Educational Psychology Methods of Business Education	3 3 3 3	3 3 3
Science Physical Education	4	4 1
Total	1 6	
Senior Year		
Practice Teaching	8	2
American Government Introduction to Philosophy Ethics	3	3
Bible	2	3 2 3
Educational Measurements	2	3
Total	15	16

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a monotonous routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. The first two years may be so arranged with the proper choice of electives that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration or Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Science	8 S. H.
Mathematics	6 S. H.
Business Administration	24 S. H.
History or Sociology	9 S. H.

Requirements for the Degree of B.S. in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Psychology Shorthand* Typewriting* Principles of Accounting Basic Mathematics Mathematics of Business Physical Education Total	3 2 3 2 3 3 3 1 17	$ \begin{array}{c} 3 \\ 2 \\ 3 \\ 2 \\ 3 \end{array} $ $ \begin{array}{c} 3 \\ 1 \\ \hline 17 \end{array} $
Sophomore Year		
Survey of English Literature Science Shorthand Secretarial Office Practice Typewriting Business Correspondence Principles of Economics Total Junior Year History of U. S. & Pennsylvania Human & Economic Geography Business Law Bible Speech Electives Total	3 4 3 1 2 3 16	3 4 3 1 3 3 17
Total	10	10
Senior Year		
Introduction to Philosophy Ethics American Government Bible Office Machine Practice Electives	3 2 1 8	3 3 1 8
Total	14	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

Freshman Year	Semeste: 1st Sem.	r hours 2d Scm.
English Composition	3	3
Elementary Shorthand *	3	3
Elementary Typewriting *	2	2
Introduction to Accounting	3	3
General Psychology	2	2
Bible	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Shorthand	3	3
Advanced Typewriting	2	_
Business Correspondence	_	3
Secretarial Office Practice	1	1
Office Machine Practice	1	1
Prinicples of Economics	3	3
Basic Mathematics	3	_
Electives	Ü	3
Total	16	17
Total	10	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Shorthand *	3	3
Typewriting *	2	2
General Chemistry	4	4
General Biology	4	4
Physical Education	1	1
Total		 17
Sophomore Year		
Secretarial Office Practice	1	1
Office Machine Practice	1	1
Bible	2	2
Advanced Typewriting	2 2 3	
Advanced Shorthand	3	
Business Correspondence		3
Medical Secretarial Techniques	3	3
Psychology	2	2
Microbiology		4
Electives	3	
m .		
Total	17	16

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession, a six-week Summer Session, and a three-week Post Session.

The Intersession and the Post Session are organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During each of these short sessions a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn twelve semester hours of credit toward a degree by attending the three sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such part-time campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. These courses may partake of the nature of any of the areas represented in the curricula presented in this catalog depending upon the demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" offixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

Mr. Byerly and Miss Martin

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

3 credits

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

2 credits

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week

2 credits

31b Apostolic Christianity—The establishment of the Christian Church and the spread of Christianity as found in the Acts of the Apostles and in the Epistles are studied.

Two hours per week

2 credits

40a General Bible Doctrine—The entire course will center in the doctrine of redemption. Some of the topics treated are God, man, sin, the Scriptures, and various phases of the great doctrine of salvation. A few specific doctrines of the New Testament are studied during the second semester.

Three hours per week

3 credits

Prerequisite: 10ab **Offered 1953-1954**

B. Christian Education

10a Principles and Administration of Christian Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in Christian Education—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

Offered 1953-1954

33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course.

Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours per week

3 credits

Offered 1953-1954

Biology

PROFESSOR CHARLES APGAR, DR. BESSIE APGAR, AND Dr. Charles Weaver

General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It should be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week Laboratory fee, \$5.00 per semester 8 credits

Medical Terminology—See Medical Secretarial Techniques 13a -28ab.

21a Office Nursing Technique—See Medical Secretarial Techniques-28ab.

Plant Biology—Basic studies in the field of Botany as a foundation for the advance study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week Prerequisite: Biology 10ab 4 credits

Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week 4 credits

General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30b

Two hours recitation and a minimum of two hours laboratory per week

3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fcc, \$10.00 depending on cost of materials

Prcrequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

3 credits

41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per weck

4 credits

42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fec, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week
4 credits

43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fec, \$8.00

Prercquisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours labratory per week

4 credits

Business

Associate Professors Gray and Eshleman, Assistant Professor Bucher, Miss Hollis, and Mr. Wenger

Accounting

11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts

and subsidiary ledgers; voucher system; partnership formation; operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week 6 credits

20a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

20b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

31a Advanced Accounting—Special emphasis is placed upon financial statements, valuation of assets, application of funds, partnership organization and liquidation, consignments, consolidations, trusts and estates. Practical problems supplement classroom discussions.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Offered 1953-1954

32b Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Offered 1953-1954

44d Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analyses and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as a Certified Public Accountant.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

10a Basic Mathematics—A review of the fundamental processes of mathematics and of algebra are covered in this basic course. Topics covered include short methods of computation, check numbers, approximate numbers, significant digits, logarithims, equations, factoring, exponents and graphs.

Three hours per week

3 credits

11a Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedure used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as: Calculation and use of percentages, interest, chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week 6 credits

30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

31b Corporation Finance—The aim of this course is to acquire an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale

will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

37ab Human and Econmic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

38a Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Two hours per week

2 credits

39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Two hours per week

3 credits

41a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week 3 credits

This course is given in the History Department

Offered 1953-1954

42b Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Three hours per week

3 credits

46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Three hours per week

3 credits

47a Personnel Administration—Principles and procedures in handling personnel problems, diagnosing organizational stability, building and maintaining work teams, wages and hours, and employee services and programs are presented and discussed. Emphasis is placed upon individual self-realization for maximum labor efficiency and productivity.

Three hours per week

3 credits

48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships and procedures for the alleviation of tension, alternatives to force, and the role of government participation and control for the realization of industrial peace.

Three hours ber week

3 credits

49a Social Economics—This course discusses the aims of economics, welfare economics, social insurance, poverty, and government regulation of business in the light of modern standards.

Prerequisite: Principles of Economics 20ab

Three hours per week

3 crcdits

49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such proglems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: Principles of Economics 20ab

Three hours per week

3 crcdits

Secretarial Science and Business Education

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulation, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program. Fec. \$7.50 per semester

Four hours per week

4 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy. Fcc. \$7.50

Three hours per week

2 crcdits

23ab Advanced Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per weck

6 credits

25ab Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student be-

comes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester

Prerequisite: Elementary Gregg Shorthand 10ab

One hour per week

2 credits

26ab Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: Typewriting 12ab or permission of the Instructor

Two hours laboratory per week

2 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

28ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms. In addition the students receive a basic training in office nursing techniques so as to acquaint them with these practices in medical offices.

Laboratory fee, \$2.50 per semester Three hours per week

6 credits

Chemistry and Geology

PROFESSOR STAMBAUGH AND PROFESSOR BAUGHER

10a-b General Chemistry—This course aims to familiarize the student with the fundamental laws and principles of chemistry. A careful study is made of the metals during the second semester.

Prerequisite: H. S. Algebra

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week
8 credits

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals

and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week

5 credits

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week

5 credits

Offered 1952-1953

44ab Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fce, \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week 8 credits

Offered 1953-1954

12b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of

the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboraotry per week

4 eredits

Offered 1952-1953

Education

Professors Bucher, Apgar, Associate Professors Hoover and Kilhefner, and Miss Bahr

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

3 credits

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of listory so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

12ab Fine Art-Oil Painting—This course is planned to develop skill and appreciation for landscape, portrait and still life.

Two to four hours per week

4 credits

14b Teaching of English—This course includes a study of the objectives, content, and methods of teaching the language arts in the elementary grades. Work books and textbooks are studied and evaluated. Opportunity is given for the construction of a course of study in Elementary English. Teaching of poetry and other literature for appreciation is also stressed.

Three hours per week

3 credits

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment and aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

3 credits

21a Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fun-

damental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week
Offered 1953-1954

3 credits

23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of 13ab, Music Fundamentals. To be taken in the freshman or sophomore year

Two hours per week

2 credits

25b Teaching of Secondary Mathematics—This course begins with the study of The Slide Rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester

Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main lines emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

31ab* Principles and Methods of Secondary Education—This course is designed to prepare students for practice teaching. It includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Two hours per week

4 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter. Many of the aids will be made or collected and their use demonstrated during the course.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35ab Teaching of Reading—This course includes aims, materials, and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied and evaluated. Projects, activities, units, and demonstrations are utilized. Special attention is given to the development of reading interests, tastes, prevention of reading disability as well as diagnostic and remedial measures. Basic and supplementary textbooks are reviewed and evaluated.

Three hours per week

6 eredits

36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret na-

^{*} For Juniors.

ture study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and sufficient knowledge of statistics to use them intelligently. *Fee*, \$2.00

Three hours per week

3 credits

40b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

Offered 1952-1953

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 eredits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the first eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week.

Prerequisites: Seeondary—31ab Elementary—35ab

(The student teacher is required to provide for his own transportation)

Fee, \$40.00

Eight hours per week

8 eredits

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Offered 1952-1953

46a Educational Sociolgy—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education. May be applied toward permanent certification.

Three hours per week Offered 1952-1953

3 credits

48a Adult Education—This course will include the methods and techniques of organizing, promoting and conducting a program of adult education on the community level. A study will be made of the community organization of adult education for social unity, reduction of illiteracy, vocational training, leisure and recreation, counselling service, leadership training and needed development in a well organized adult education program. May be applied toward permanent certification for teachers.

Three hours per week

3 credits

49a Problems in Elementary Education—This course will provide opportunity for a student to investigate and develop courses of study in his field of interest. Individual and group study will be made of problems arising in the field of elementary education. State bulletin No. 233B will be studied and evaluated. Three hours per week

3 credits

English

Professor Schlosser, Associate Professor Hackman, Mrs. Heilman, and Miss Engle

10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures.

Three hours ber week 6 credits

30a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Caleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Three hours per week
Offered 1952-1953

3 credits

31b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Three hours per week

3 credits

Offered 1952-1953

32a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week
Offered 1953-1954

2 eredits

33b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Three hours per week

3 credits

Offered 1953-1954

34a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Two hours per week

2 credits

Offered 1953-1954

36b The English Essay—The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Two hours per week

2 credits

Offered 1953-1954

36a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Two hours per week

37b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Two hours per week Offered 1952-1953

2 credits

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours per week

3 credits

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week

4 credits

41ab World Literature—A study of a selected group of literary masterpieces that have a relation to Western culture.

Two hours per week

4 credits

Offered 1952-1953

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Two hours per week

4 credits

Offered 1952-1953

43a Chaucer—This course takes up a study of the Canterbury Tales, Troilus and Criseyde and some minor poems.

Three hours per week

3 credits

Offered 1952-1954

44b Early English Drama—The drama from the beginning to the time of Shakespeare is reviewed. A study is made of the miracle and morality plays and of the chief pre-Shakespearian dramatists.

Three hours per week
Offered 1953-1954

45b English Workshop—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects. Three hours per week 3 eredits

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Esperanto *

10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week

3 credits

French

10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading, and dictation are stressed. Does not count toward a major in French.

Three hours per week

6 credits

20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 eredits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

^{*} Does not apply toward a major in languages.

^{*} In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

31ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-Beauve and several twentieth century authors are given special attention.

Three hours per week

6 credits

41ab French Conversation and Advanced Composition—This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)

Three hours per week

6 credits

German

10a-b First Year German—Drill in pronounciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and reading of plays and novels.

Three hours per week

6 credits

30ab Third Year German—Beginnings of Greman literature through the Reformation and the Renaissance are studied.

Three hours per week

6 credits

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours per week

6 credits

Greek

10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the

student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Assistant Professor Reuning

A. History

10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

(Required of all Freshmen in both semesters)

Two hours per week

4 credits

20ab History of Modern Europe—This course offers a survey of the development of modern Europe from 1500 to the present day. Stress will be placed on the long-range political, economic, social, and intellectual movements. These various factors will be integrated to show how they affect European history.

(Either semester may be taken for credit)

Three hours per week

6 credits

23b Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory

survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

6 credits

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week 3 credits

Prerequisite: History 30ab

Offered 1953-1954

34b Teaching of the Social Studies—(See Education 36a).

40ab Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States.

Prerequisite: History 30ab

Two hours per week

4 credits

Offered 1952-1953

41b Latin American History—This course surveys the major historical developments in the Latin American nations from the age of discovery to the present time. To be given in alternate years.

Three hours per week

3 credits

43a Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period since 1914. Political, diplomatic, economic, and social aspects of recent history provide the fundamentals for this course. The work will be centered around European and world wide developments.

Three hours per week Offered 1952-1953

3 credits

44b Medieval History—This course is to be a survey of the History of Europe from 300 A. D.-1500 A. D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Catholic Church, Christian Thought and Philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week

B. Political Science

40a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week Offered 1953-1954

3 credits

41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government, but with some consideration of Pennsylvania state and local government.

Three hours per week

3 credits

42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy.

Two hours per week

2 credits

Offered 1952-1953

Mathematics

Associate Professor Heilmin

10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics or those who need review in such areas, and covers the basic principles of all the courses which should be offered as prerequisites for college algebra.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week .

^{*} Does not count toward a major.

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisite: Mathematics 20a

Three hours per week

3 credits

23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces the essential topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

(Offered if demand warrants)

Three hours per week

3 credits

25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as, theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic Geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—Same as Education 25b.

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

3 credits

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisites: Mathematics 30a

Three hours per week

41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Mathematics 11a and 12b. Fee, \$2.00

Three hours per week

3 credits

42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas simple farm surveying, profile leveling, and curves. This course includes class and field work.

(Offered if demand warrants)

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, MRS. FETTER, AND MR. HERR

The student who majors in music may work out a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

- (a) The student concentrating in Music History and Theory is required to take Music History and Appreciation (4 credits), Music Fundamentals (4 credits), Harmony (4 credits), Applied Music (4 credits) and Ensemble (2 credits).
- (b) The student concentrating in Church Music is required to take Church Music (4 credits), Music Fundamentals (4 credits), Music History and Appreciation (4 credits), and Vocal Ensemble (2 credits).
- (c) The student concentrating in Musical Performance is required to take Applied Music (8 credits, 4 of which shall be in the same branch), Music Fundamentals (4 credits), Harmony (4 credits), Ensemble (2 credits), and to present a satisfactory recital in one or more branches of applied music in the senior year.

Students other than those majoring in music may elect 20 semester hours of credit in music toward the A.B. degree. If credit in excess of 2 semester hours is desired for Applied Music, this credit shall be accompanied by an equal number of semester hours in Theory. History and Appreciation, or Church Music. A maximum of 8 semester hours in Ensemble music may be applied towards the A.B. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a selection such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

A. Theory of Music

13ab Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester, scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semesters of 13ab, Music Fundamentals

Two hours per week

4 credits

Offered 1953-1954

B. History and Appreciation of Music

32ab History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week

4 credits

Offered 1953-1954

C. Church Music

42ab Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will also be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult voice; hymnology and the selection of appropriate hymns;

creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week Offered 1952-1953

4 credits

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range, quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

E. Ensemble

(No tuition charge. No credit unless attendance is satisfactory, and unless participation extends over the entire school year.)

A Cappella Choir

Three hours per week (two rehearsals)

2 credits

Band or Orchestra

One hour per week

1 credit

College-Community Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Chapel Choir

Rehearsals by special appointment

No credit

(Personnel changes several times during the year.)

Philosophy

Professor Schlosser

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

42b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Psycholoy

Professor Bucher and Associate Professor Kilhefner

10ab General Psychology—An introduction to the study of the mental and emotional factors that play such an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people.

Two hours ber week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week. Laboratory fee, \$3.00

3 credits

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 credits

36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Three hours per week

Social Psychology—See Sociology 20a.

Educational Psychology—See Education 30a.

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week

3 eredits

Offered 1953-1954

Physical Education and Health

Mr. Herr, Mr. Dodd, and Mr. Von Nieda

10ab Physical Education—This course aims to promote proper habits in the care of the body which will make for a stronger and more efficient being. Required of freshmen.

Two hours per week

2 credits

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week 2 credits

22ab Hygiene—The first semester is devoted to the study of personal and school hygiene as related to the problem of the schoolchild. During the second semester the problems of community hygiene, and the place of nutrition in a school and community hygiene program are studied.

Two hours per week

4 credits

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Associate Professor Heilman and Assistant

10b Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meteorology, Geology, Chemistry, and Physics using experiments for illustration.

Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00 Three hours per week

3 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b

Laboratory fee, \$7.50 per semester

Three hours recitation and a minimum of two hours laboratory 8 credits

Sociology

Associate Professors Kilhefner and Eshleman

10a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite of all other sociology courses.

Three hours ber week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours ber week

3 credits

Prerequisite: 10a or 21b

Offered 1952-1953

21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to understand the nature of the problems and to become acquainted with what society is doing and can do about them.

Three hours per week

3 credits

31a Rural Sociolgy—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week

3 credits

Prerequisite: 10a or 21b

Offered 1953-1954

32b Urban Sociolgy—The present basic social patterns which have emanated from modern urban culture are traced and analyzed. Three hours per week 3 credits **40b** Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Offered 1953-1954

41a Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: 20a
Offered 1953-1954

42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week

3 credits

Offered 1952-1953

43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week

3 credits

Prerequisite: 10a or 21b

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of library, the gymnasium, the athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, furnished rooms, limited use of infirmary, and board exclusive of Thanksgiving, Christmas and Easter vacations. This fee amounts to \$800.00.

Day Students

The expenses for student attending College from his own home are \$450.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

-, u	Resident Students	-
At the opening of College	\$200.00	\$112.50
On or before December 1	200.00	112.50
On or before February 1	200.00	112.50
On or before April 1	200.00	112.50

The bills may vary from the stated amounts in certain instances because of the laboratory charges and because of special work taken outside of the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store bills, and all other special fees will be added to the second and fourth payments.

Credit allowed for scholarships, honorariums, work, and the like, will be deducted from the second and fourth payments.

The tuition charge for less than 10 and more than 17 hours per week is \$12.50 per semester hour when students take work with regular classes. Whenever choir, glee club, and orchestra increases the student's number of semester hours beyond the maximum number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

^{*}This charge does not include the compulsory accident insurance premium which is required of all students; \$10 for men, \$5 for women.

A charge of \$5.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Credits for advanced standing. For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$8.75 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$15.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities. It also gives each graduate a life membership in the Alumni Association since each will have had paid the required \$20.00 fee.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance	Per Cent of
from date of enrollment	Quarter's Charge
Less than 2 weeks	. 25%
Between 2 and 4 weeks	. 50%
Between 4 and 6 weeks	. 75%
Between 6 and 8 weeks	. 100%

General Expense Information

The cost of one lesson per week in piano, voice or organ is \$24.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; and an organ rental fee of \$12.50 per semester is charged for organ practice.

Upon graduation, or if a student leaves the institution before graduation, he is entitled to one transcript of his academic credit. A fee of \$1.00 is charged for each additional transcript.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a general maintenance and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for general maintenance and replacements.

A room reservation fee of \$5.00 is required of all applicants desiring rooms. A registration fee of \$10.00 is required of all applicants for admission. These fees are credited to the student's account. They are not refunded in case of cancellation of application. However, they may be transferred to apply to a later year. Rooms are reserved for the college year. Students are expected not to change residence during the year for any reason except withdrawal from college.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The amount of this scholarship ranges from \$400.00 to \$600.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

One such scholarship is given annually to each graduating class on the basis of one for each 25 students or fraction thereof. The scholarship is awarded to the first eligible student who enrolls and files a written application. The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers a limited number of scholarships to ministers and missionaries and their children.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Business Manager of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00. Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their costs. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who makes the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, has provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$10-award for outstanding journalistic writing will be given yearly to the student doing superior news reporting and feature articles for the current school year.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Business Manager.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge. Only single size bed sheets will be accepted by the laundry.*

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safe guard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is physically able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice

^{*} The College reserves the right to discontinue all laundry service upon two weeks' notice.

of attending physician, will be removed to his home or to a nearby hospital.

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$10 for men and \$5 for women per college year. It is compulsory on the part of all students to carry this insurance.

Intramural Program

Intramural sports are an important part of the activities program. All students not on varsity teams are urged to participate in the intramural program. Sports on program are basketball, baseball, tennis, touch football, soccer, volleyball, soft ball, table tennis, badminton, and track. Tournaments are held in various sports during the year.

Intercollegiate

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athletic Conference and of the National Association of Intercollegiate Basketball.

Women have intercollegiate competition in basketball, volleyball, soft ball, and tennis.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs all activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be made in writing to him. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are ipso facto members of the Student Association

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Each dormitory and day students are represented by two members nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nation's organization.

Comerciantes

This is an organization of students enrolled in the Commercial, Business Administration or Secretarial courses. Its purposes are to promote interest in the business world and in the study of Commercial subjects; to encourage a social spirit by offering opportunities for wholesome social contact; and to become familiar with modern progressive business methods and systems, endeavoring by such means to raise and maintain a higher standard of training for business.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are

selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The *Conestogan* is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and alumni.

Musical Activities

The personnel of the a Cappella Choir is chosen from the college student section of the College-Community Chorus, and consists of thirty-two to thirty-six members. The greater part of the training in this organization is in the realm of unaccompanied singing, but they also present an accompanied cantata at some time during the school year. During the second semester the Choir takes frequent trips, giving concerts in Brethren churches of Pennsylvania.

The College-Community Chorus is a larger organization, which presents a great oratorio at some time in the spring of each year. The oratorio is presented in the college auditorium, with guest soloists and local soloists. The membership of the Chorus includes singers from the vicinity and from the church choirs of Elizabethtown, as well as college students.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the a Cappella Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and frequently appear publicly in churches, high schools, and other places.

The Chapel Choir is a select ensemble of eight to ten mixed voices; they rehearse at times convenient to the group, and contribute to the worship in chapel services by singing anthems and responses. The personnel of the Chapel Choir changes several times during the year, in order to provide more of this type of musical experience for more people.

Buildings and Grounds

Elizabethtown College is ideally located on an attractive campus of some 50 acres on which are found a large lake, baseball diamonds, a soccer field, and all-weather tennis courts. These most adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and women's day student room.

Rider Memorial Hall

During January, 1905, the trustees decided to erect a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906 as Memorial Hall. On the first floor are located the college Store and a recreation room. Faculty offices, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third large college building was dedicated. This is a 3-story brick building. The first floor contains four apartments equipped with modern conveniences and adapted to small families. The second and third floors are used as women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In view of the unsatisfactory conditions in the former gymnasium in the basement of Rider Memorial Hall, the Alumni of the

College took steps to raise a fund for an auditorium-gymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious Auditorium-Gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The size of the floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Offices and storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$14,000 has been contributed by alumni and friends of the college.

Dwellings

Eight dwellings are located on the campus and furnish residence to members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Several years ago the Alumni Association conceived the idea of beautifying the College campus. This finally led to the purchase of an adjoining tract of land containing a stream of pure running water. At once the student body built a long concrete wall across a ravine and thus formed a lake of over three acres on the campus near the baseball field. Lake Placida offers opportunity for ice skating. With the trees and shrubbery planted around the shore, the lake is a real beauty spot frequently sought for vesper services.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the college or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1951-1952

President, I WAYNE KELLER, '30	Lancaster.	Pa.
Vice-President, Russel S. Hackman, '37	Biglerville,	Pa.
Secretary, Laura Frantz Pfautz, '21		
Treasurer, J. W. Kettering, '23	.Elizabethtown,	Pa.
Executive Secretary, EBY C. ESPENSHADE, '35	.Elizabethtown,	Pa.

Harrisburg

President, RICHARD HIVNER, '49	Steelton,	Pa.
Vice-President, David J. Markey, '47	Carlisle, 1	Pa.
Secretary-Treasurer, Helen Ott Gross, '36		
Asst. Secretary-Treasurer, MARY BROWN REBER, '49I	Harrisburg, 1	Pa.

Juniata Valley

President, Luke Buffenmyer, '37	Pa.
Vice-President, Earl Kipp, '28	
Secretary-Treasurer, Ruth Buffenmyer Burris, '32 Bunkertown, I	Pa.

Lancaster

President, Melvin Brubaker, '27Lititz,	Pa.
Vice-President, John Hershey, '16Lititz,	Pa.
Secretary, Marian Geist Fuhrman, '30	
Treasurer, Donald Neiser, '49	Pa.

Lebanon Valley

President, HIRAM A. GROFF, '33	Hershey,	Pa.
Vice-President, Anna Carper, '41	Palmyra,	Pa.
Secretary-Treasurer, AMY Breidenstine Sterner, '34		

Philadelphia

Philadelphia, Pa. '41Wilmington, Del.
Jamieson, '35Camden, N. J.

York

President, Helen Rebert Neiser, '48	York,	Pa.
Vice-President, WILBUR CASSEL, '29	rings,	Pa.
Secretary-Treasurer, Janice Anderson, '50	York,	Pa.

Elgin-Chicago

President, Robert Hess, '50	Chicago,	III.
Secretary-Treasurer, MILDRED GROFF LONG, '51	Chicago,	I11.

The Alumni Council

Commencement

Monday, May 28, 1951

Address: Ernest V. Hollis, Ph.D.

United States Office of Education

Washington, D. C.

Honorary Degrees

Galen S. Young, Doctor of Science

Harry C. Moyer, Doctor of Science in Education*

Degrees in Course

Bachelor of Arts

†Patricia Hogg Donnelly	Lancaster, Pa.
†Patricia Hogg Donnelly Benjamin Paul Ebersole	Hershev, Pa.
GORDON EUGENE FOSTER	Elizabethtown, Pa.
Audrey Jean Fouts	
GLENN C. FREY	Conestoga Pa
†R. Donald Haverstick	
EARL R. HESS	
ARTHUR F. HIEPLER	
LESTER DALE HYLTON	
WILLIAM W. LONGENECKER	
H. Ross Manifold, Jr.	York, Pa.
NANCY VIRGINIA MATHIAS	Harrisburg, Pa.
CAROLE DEVERTER MECKLEY	Elizabethtown, Pa.
†Dorothy A. Messerly	Doylestown, Pa.
Frances Lois Rinehart	Waynesboro, Pa.
HARRY ALONZO SHUSTER, JR	Philadelphia, Pa.
†HERBERT R. SMETHERS	
Armon Carl Snowden	
VIVIAN ZUG SNYDER	
†EDWIN KING SPARKMAN	Steelton Pa
†Kenneth M. Weaver	
LAW IDWAY WENCED	Dolmyro Do
JAY IRVIN WENGER	
Howard Pierce Wittel	
André Francois Yon	
Joseph V. Zavarich	
EARL K. ZIEGLER	Myerstown, Pa.

^{*} Conferred posthumously; died May 13, 1951.

[†] Candidates for degrees at end of summer session.

Bachelor of Science in Science

Database of Barenee in Barenee
I. Jerome Bauknight Wilkes-Barre, Pa. Robert H. Enterline Elizabethtown, Pa. Joyce Ann Foley Lancaster, Pa. \$\frac{1}{2}SAMULL RICHARD HEISEY Elizabethtown, Pa. CHARMAR YVONNE HERSHEY Hershey, Pa. DARWIN SPICKLER HOLLINGER Elizabethtown, Pa. John F. Kendig Salunga, Pa. William Bard Landis Lancaster, Pa. Robert J. Ream Harrisburg, Pa. Maurice R. Stahler, Jr. Highspire, Pa. Robert M. Trimmer New Holland, Pa. Wilmer Samuel, Trinkle, Jr. Philadelphia, Pa. Frederick Mead Wilkins Collingswood, N. J.
Bachelor of Science in Business Administration
ROY ANTHONY ARMOLD †EARL R. BECKER Ephrata, Pa. JAMES RUSSELL BENNETT, III Harrisburg, Pa. GERALD C. BURDICK Elizabethtown, Pa. ROBERT H. DETWILER Oaks, Pa. †MERRILL M. GROSS Harrisburg, Pa. ROBERT E. HAMMERS Stewartstown, Pa. †STANLEY E. HOOVER Lineboro, Md. STANLEY R. KETTERING Lebanon, Pa. EDMUND WADE KLING Blairs Mills, Pa. †CARL E. MARTIN Harrisburg, Pa. MARTIN N. RISSER Elizabethtown, Pa. EARL W. ROHRBAUGH, JR. Elizabethtown, Pa.
Bachelor of Science in Business Education
Margaret Louise Bose
Bachelor of Science in Secondary Education
STANFORD F. COX
Bachelor of Science in Laboratory Technolgy
†Elizabeth Ann Denlinger
Bachelor of Science in Elementary Education
Mildred Irene Becker Bressler, Pa. Charmain'e Martha Fickes York, Pa.

[‡] Degree granted in absentia; member of armed forces.

[†] Candidates for degrees at end of summer session.

J. Earl Heisey Palmyra, Pa. #Mary A. Hess
Two Year Certificates
Secretarial Science
JOYCE ROMAINE RUNKLineboro, Md.
Laboratory Technology
JEAN E. BAGENSTOSE
Medical Secretarial Science
PHYLLIS JANE DOUGHERTY Landisville, Pa. MILDRED ARLENE GINGRICH .East Petersburg, Pa. NANCY ANN HEATWOLEPalmyra, Pa. JEAN CAROL MILLERLansdowne, Pa.

[#] Graduate with "Cum Laude" distinction.

[†] Candidates for degrees at end of summer session.

Register of Students

1951-1952

Seniors

	777
SHELLHAMMER, BURTON .A.B. SMITH, J. EDWARDB.S. YOHE, CHARLESA.B. YOUNG, C. GILBERTA.B.	Bus. Admin 108 E. Main St., Ephrata, Pa.
MEMINGER, JAMES B.S. MILNE, DAVID B.S. MYERS, DAVID A.B. OBETZ, JAMES B.S. REAM, DONALD A.B. REID, DONALD B.S. ROBERTSON, WILBUR B.S. SCHNEIDER, WILLIAM B.S. SCHOTT, CLIFFORD B.S.	Bus. Admin. 524 W. Lemon St., Lancaster, Pa. Bus. Education 209 N. Gotwalt St., York, Pa. Liberal Arts R. D. 3, Elizabethtown, Pa. Science 628 Poplar St., Lancaster, Pa. Liberal Arts Richlandtown, Pa. Science 234 Market St., Middletown, Pa. Science 336 Greystone Rd., York, Pa. Bus. Admin. 125 N. Richards Δve., Ventnor, N. J. Science Berlin, Md. Liberal Arts 215 N. President Ave., Lancaster,
KERCHNER, HENRY B.S. KINGREE, THOMAS B.S. KREIDER, JOHN B.S. LEBER, JAMES A.B. MARTIN, RICHARD B.S. MATERNA, KURT B.S.	Bus. Admin Smoketown, Pa. Science R. D. 2, Mt. Joy, Pa. Liberal Arts 36 S. Market St., Elizabethtown, Pa. Bus. Admin 117 N. Barbara St., Mt. Joy, Pa. Bus. Admin Rennweg 45, Niernberg, Germany
HORNBERGER, LEEB.S. KAUFMAN, CARLA.B.	Pa. Secondary Ed P. O. Box 236, Hershey, Pa. Liberal Arts
GOOD, RICHARD B.S. GOSS, RICHARD B.S. GRAHAM, KENNETH A.B. GROSS, JAMES B.S. HEISEY, J. WILMER A.B. HERR, J. ROBERT A.B. HERR, JACK A.B. HESS, BEN A.B. HOOPERT, DANIEL A.B.	Ele. Education 260 S. Spruce St., Elizabethtown, Pa. Ele. Education R. D. 3, Lewistown, Pa. Liberal Arts 622 Pennsylvania Ave., York, Pa. Bus. Admin 413 Allegheny St., Dauphin, Pa. Liberal Arts R. D. 1, Mt. Joy, Pa. Liberal Arts Salunga, Pa. Liberal Arts 544 N. Pershing Ave., York, Pa. Liberal Arts R. D. 1, Mt. Joy, Pa. Liberal Arts R. D. 1, Mt. Joy, Pa.
BENDER, JOHN B.S. BENNER, TRYON B.S. BRUNNER, EDWARD A.B. BRUNNER, JOHN A.B. BRUSCIA, ANTHONY B.S. CAMPBELL, DONALD B.S. CONSLEY, JOHN B.S. DAVIS, PAUL A.B.	Science

	Women
	Ele. Education New Freedom, Pa. Liberal Arts 121 W. Hummelstown St., Elizabeth- town, Pa.
EBERLY, PEGGY A.B. ENGLE, MRS. JUNE B.S. GIBBLE, BERNICE B.S. GOTTSHALL, MRS. DOROTHY. B.S. HEILMAN, MRS. CHRISTINE B.S. KEENY, GRACE B.S. KOONTZ, L. FAYE A.B.	Ele. Education Liberal Arts Ele. Education Liberal Arts Liberal Arts Bus. Education Vork New Salem, Pa.
MILLER, CELIA ANNA.B. MILLER, MARY JEANB.S.	Liberal Arts Penryn, Pa. Ele. Education R. D. 1, Jonestown, Pa. Bus. Education Union Deposit, Pa.

Juniors

Men

AULT, RICHARD B.S. BALLOU, VICTOR B.S. BAUSMAN, WILLIAM B.S. BELSER, JULIUS A.B. BERKHEIMER, DALE B.S. BOLTON, JOHN B.S. BRANDT, JAMES B.S. DEAN, JOHN B.S. EBERSOLE, DAVID B.S. ELLSWORTH, WILLIAM A.B. EMIG, WALTON A.B.	Liberal Arts Wheatland Hills, Lancaster, Pa. Ele. Education 806 Pennsylavnia Ave., York, Pa. Bus. Admin 1024 W. Clay St., Lancaster, Pa. Bus. Admin 214 Catherine St., Middletown, Pa. Liberal Arts R. D. 3, Elizabethtown, Pa. Bus. Admin R. D. 6, York, Pa. Secondary Ed 2436 Elm St., Penbrook, Pa. Bus. Admin R. D. 3, Elizabethtown, Pa. Ele. Education McClure, Pa. Bus. Admin 526 W. Chestnut St., Lancaster, Pa. Liberal Arts Stetlersville, Pa. Liberal Arts R. D. 3, Spring Grove, Pa. Bus. Admin 444 N. Market St., Elizabethtown,
GRILL, STANLEY A.B. HAMME, GLENN B.S. HESS, FRANK B.S.	Pa. Liberal Arts R. D. 3, Manheim, Pa. Liberal Arts R. D. 1, Christiana, Pa. Science Spring Grove, Pa. Secondary Ed R. D. 4, Lititz, Pa. Liberal Arts 624 S. Hanover St., Elizabethtown, Pa.
KLINE, NELSON B.S. KUGLE, JOHN B.S. KUNKEL, ELMER B.S. MALMBORG, FREDRIK A.B.	Liberal Arts 32 Hoffman Blvd., Ashland, Pa. Science McClure, Pa. Bus. Admin 1256 Prospect St., York, Pa. Bus. Admin East Berlin, Pa. Liberal Arts R. D. 1, Manheim, Pa. Bus. Admin 4811 Fourth Ave., Washington 20, D. C.
MOYER, WALTONA.B. NEWCOMER, DAVIDB.S.	Secondary Ed Hellam, Pa. Liberal Arts Paradise, Pa. Liberal Arts R. D. 2, Telford, Pa. Bus. Admin 228 Lemon St., Elizabethtown, Pa. Bus. Admin 354 N. Hanover St., Elizabethtown,
RUOSS, THOMAS B.S. SHAARK, EARL B.S. SHAFER, S. DAVID B.S. SHAFER, S. DAVID B.S. SHAVER, DAVID B.S. SHENK, ELLIS B.S. SHERTZER, LEONARD A.B. SNADER, NEVIN B.S. WHITACRE, ALAN A.B. ZIEGLER, CARLOS A.B. ZIEGLER, LEVI A.B.	Pa. Bus. Admin

Women

BARTRAM, DORIS ANNB.S.	Sec. Science R. D. 1, Harrisburg, Pa.	
BEANE, MARIANEB.S.	Lab. Tech Paradise, Pa.	
BENFIELD, ARDENB.S.	Ele. Education R. D., Royersford, Pa.	
BOMGARDNER, ELSIEB.S.	Ele. Education R. D. 3, Elizabethtown, Pa.	
BOONE, LAURA MAEB.S.	Ele. Education Loganton, Pa.	
BOWMAN, JOSEPHINEB.S.	Ele. Education 635 Maple St., Lebanon, Pa.	
BUCHER, RUTHB.S.	ScienceR. D. 5, Lebanon, Pa.	
DEPPE, MARILYNB.S.	Bus. Education R. D. 5, Lebanon, Pa.	
KRATZ, PHYLLISA.B.	Liberal Arts 118 S. 3rd St., Millville, N. J.	
LUTZ, MARTHA JANEB.S.	Ele. Education 250 W. Bainbridge St., Elizabeth-	
	town, Pa.	
	town, Pa.	
Musselman, LucyB.S.	town, Pa. Ele. Education Vernfield, Pa.	
OXENFORD, DOROTHYB.S.	Ele. Education Vernfield, Pa.	
OXENFORD, DOROTHYB.S. RITTER, DOROTHYB.S.	Ele. Education Vernfield, Pa. Ele. Education 2612 Catherine St., Harrisburg, Pa.	
OXENFORD, DOROTHYB.S. RITTER, DOROTHYB.S. SAYLOR, PHYLLISB.S.	Ele. Education Vernfield, Pa. Ele. Education	
OXENFORD, DOROTHYB.S. RITTER, DOROTHYB.S. SAYLOR, PHYLLISB.S. SELDOMRIDGE, NANCYA.B.	Ele. Education Vernfield, Pa. Ele. Education 2612 Catherine St., Harrisburg, Pa. Bus. Education Box 135, Richlandtown, Pa. Bus. Education R. D. 1, Red Lion, Pa.	
OXENFORD, DOROTHY B.S. RITTER, DOROTHY B.S. SAYLOR, PHYLLIS B.S. SELDOMRIDGE, NANCY .A.B. SHEAFFER, NANCY A.B.	Ele. Education Vernfield, Pa. Ele. Education	
OXENFORD, DOROTHY B.S. RITTER, DOROTHY B.S. SAYLOR, PHYLLIS B.S. SELDOMRIDGE, NANCY A.B. SHEAFFER, NANCY A.B. WALZL, M. MARGARET A.B.	Ele. Education Vernfield, Pa. Ele. Education	

Sophomores

ALBRIGHT, ROBERTB.S.	Science Talmage, Pa.
BASHORE, PAULA.B.	Liberal Arts R. D. 1, Jonestown, Pa.
Bellis, EdwardB.S.	Ele. Education 434 S. Market St., Elizabethtown,
•	Pa.
BOWERS, NORMANA.B.	Liberal Arts Landisville, Pa.
ENDERS, LARRYB.S.	Bus. Admin, 2931 Carby St., Penbrook, Pa.
FORNEY, GLENNB.S.	Bus. Admin, Florin, Pa.
FREY, JAYB.S.	Science 1035 S. Market St., Elizabethtown,
FROST, GEORGE A.B.	Liberal Arts Masonic Homes, Elizabethtown, Pa.
GEBHARD, IRVINB.S.	Science R. D. 3. Elizabethtown, Pa.
GEIB. HAROLDA.B.	Liberal Arts R. D. 4, Manheim, Pa.
GREINER, PAULB.S.	Secondary Ed 40 W. Bainbridge, St., Elizabeth
·	town, Pa.
HOOVER, DAVIDB.S.	Science Lineboro, Md.
KANOFF, GEORGEB.S.	Science 524 E. High St., Elizabethtown, Pa.
KLOCK, JAMES B.S.	Bus. Admin Herndon, Pa.
MALINOWSKI, LOUISB.S.	Science1501 Mt. Ephraim St., Camden, N. J.
MEYERS, WILLIAMB.S.	Bus. Admin New Freedom, Pa.
MILLER, LEROYB.S.	Science R. D. 1, Lebanon, Pa.
MURPHY, RONALDB.S.	Science 441 Hale St., Harrisburg, Pa.
	Bus. Admin New Bloomfield, Pa.
	Liberal Arts Vernfield, Pa.
RITTER, LESTERA.B.	
SIMPSON, CHRISTOPHERB.S.	Secondary Ed 234 Harrogate Rd., Philadelphia 31,
SNOWDEN GIEN A.R.	Liberal Arts 737 Main St., Bethlehem, Pa.
	Liberal Arts Patton School, Elizabethtown, Pa.
Wechter, PaulB.S.	
	Science 1315 Lunt Ave., Des Plaines, Ill.
WITTLE, KENNETHA.B.	Liberal Arts 309 S. Market St., Elizabethtown,
	Pa.

	Women
BECK, MARY ANNA.B.	Liberal Arts 63 E. Antietam St., Hagerstown, Md.
	Secondary Ed 437 Maple St., Lebanon, Pa.
	Bus. Admin 102 Main St., Oberlin, Pa.
	Ele. Education R. D. 1, Lebanon, Pa.
	Lab. Tech 116 E. Ross St., Lancaster, Pa.
	Ele. Education 1944 Derry St., Harrisburg, Pa.
	Liberal Arts 206 W. Broad St., Souderton, Pa.
	Med. Sec 2536 N. 5th St., Harrisburg, Pa.
	Ele. Education R. D. 1, Schnecksville, Pa.
GETTY, MRS. MARIONB.S.	Ele. Education R. D. 1, Hummelstown, Pa.
GROFF, JOANNE	Med. Sec 110 W. End Ave., Lititz, Pa.
HOFFER, MARY JANEB.S.	Secondary Ed 119 David St., Mt. Joy, Pa.
	Med. Sec 220 Short St., Hummelstown, Pa.
Landis, DoloresB.S.	Bus. Education1908 Virginia Ave., Hagerstown, Md.
	Bus. Admin1908 Virginia Ave., Hagerstown, Md.
LONGENECKER, C. PHYLLIS	Lab. Tech R. D. 3, Lititz, Pa.
	Ele. Education R. D. 2, Lebanon, Pa.
	Med. Sec 51 N. Hazel St., Manheim, Pa.
	Lab. Tech Paradise, Pa.
	Bus. Admin 313 N. Queen St., York, Pa.
	Secretarial R. D. 1, Pine Grove, Pa.
Newcomer, Marian	
	Med. Sec R. D. 3. Manheim, Pa.
	Med. Sec 605 S. Spruce St., Elizabethtown, Pa.
	Secretarial 112 Maple St., Lebanon, Pa.
	Ele. Education R. D. 1, Elizabethtown, Pa.
	Ele. Education Parkside Apts., Hersehy, Pa.
	Ele. Education 48 E. Second St., Lititz, Pa.
	Ele. Education R. D. 2, Elizabethtown, Pa.
	Med. Sec 20 W. Eizabeth St., Maytown, Pa.
YOUNG, SHIRLEY	Med. Sec McClure, Pa.

Freshmen

Men

ADAIR, LARRY B.S. ALBRIGHT, J. DONALD B.S. AZMAVORIAN, GEORGE B.S. BAKSIS, WALTER B.S. BEASTON, WILLIAM B.S. BOWMAN, ALLEN B.S. BRUBAKER, JAYWOOD A.B. CHAPMAN, LARRY B.S.	Ele. Education . R. D. 9, York, Pa. Science
Farr, Coy B.S. Fisher, Glen B.S. Fogelsanger, Donald A.B. Geary, Carl A.B. Hefferer, Glenn B.S. Heisey, George B.S. Heisey, William B.S. Heisey, William B.S. Hersherger, Ronald A.B. Houser, Rodney B.S. Jacobs, Harvey A.B. Jacobs, Harvey A.B. Jacobs, Gerald B.S. Krause, Robert B.S. Martin, W. Donald B.S. McCue, George B.S. Messick, Jay Rithard B.S. Miller, James B.S. Miller, Richard B.S. Miller, Richard B.S. Miller, Stanley A.B. Moore, William B.S. Reiner, Henry B.S. Rutherford, Jay B.S. Rutherford, Jay B.S. Schell, Walter A.B. Schell, Walter A.B. Schell, Walter A.B. Schane, John B.S.	Bus. Admin
SHEAFFER, M. WILLIAMB.S. SMUCK, BARREB.S.	Secondary Ed 2745 Booser Ave., Harrisburg, Pa. Science 219 S. Market St., Elizabetthown, Pa.
THOMAS, HARRY B.S. THOMAS, SHERWOOD A.B. THOMPSON, RAY B.S. WALZL, FREDERICK B.S. WILLOUGHBY, DAVID A.B. WITHERS, BENJAMIN B.S. WOLFF, GERALD A.B. YODER, JAMES B.S.	Science

Women

BUCCIERI, CHRISTINEA.B.	Ele. Education 131 Haviland Ave., Audubon, N. J. Liberal Arts 407 Ninth St., New Cumberland, Pa. Elc. Education 350 Donegal Springs Rd., Mt. Joy,
,	Pa.
CHEGWIN, CARLOTICA	Calle 64 #47-92, Barranquilla, Colombia, S. A.
	Med. Sec Salisbury, Pa.
	Ele. Education R. D. 2, Box 42, Hummelstown, Pa.
EASTON, MARYB.S.	Ele. Education 142 Park St., Elizabethtown, Pa.
	Lab. Tech 131 S. Third St., Perkasie, Pa.
ESHLEMAN, JOYCEB.S.	Ele. Education Box 166, Florin, Pa.
	Ele, Education R. D. 3, Oxford, Pa.
	Ele. Education 537 State Dr., Lebanon, Pa.
	Lab. Tech R. D. 1, Christiana, Pa.
	Ele. Education R. D. 1, Pottsville, Pa.
	Med. Sec R. D. 6, Lancaster, Pa.
HESS, HELENB.S.	Lab. Tech Baltimore Pike, Wawa, Pa.

	Med. Sec West Willow, Pa.
HICKS, PEGGY	Secretarial 4 S. River St., Maytown, Pa.
HOFFMAN, NANCYB.S.	Ele, Education 411 Centre St., Mauch Chunk, Pa
KNAPPENBERGER, HAZEL B.S.	Ele. Education West Leeesport, Pa.
KRATZ, PATRICIAB.S.	Ele. Education R. D. 1, Elverson, Pa.
	Ele. Education 41 E. Front St., Lititz, Pa.
LEREW, TOYCEB.S.	Lab. Tech Dillsburg, Pa.
	Med. Sec 933 Maple Ave., Lancaster, Pa.
MOYER, NANCYB.S.	Ele. Education R. D. 2, Telford, Pa.
NEIDHARDT, URSULA	Lab. Teeh 527 Main St., Denver, Pa.
PIPER, DOROTHYB.S.	Science Spring Run, Pa.
	Ele, Education Honey Brook, Pa.
REINHOLO, ARLENE	Lab. Tech Donaldson, Pa.
	Sec. Science 403 Linden St., Middletown, Pa

Special Students

BIELO, ROBERT East Petersburg, Pa. FREY, K. ELAINE 1035 S. Market St., Elizabethtown, Pa. FUSS, DONALD 399 S. President Ave., Lancaster, Pa. HARE, WILLIAM Rheems, Pa. LEBER, MRS. A. JOY 36 S. Market St., Elizabethtown, Pa. LEHMAN, MURRAY R. D. 2, York, Pt. MCGURK, MRS. GLADYS R. D. 9, York, Pa. MILLER, JOHN R. D. 8, York, Pa. MILLER, LOIS R. D. 1, Bainbridge, Pa. RUTHERFORD, LILLIAN Bainbridge, Pa.
RUTHERFORD, LILLIAN Bainbridge, Pa. SHAPBELL, N. JUNE State Hospital, Elizabethtown, Pa.

Part-time Students-1951-1952

Abrahims, Mrs. Verna Adams, Earl Alwine, Paul	. Tower City, Pa. . R. D. 4, Lebanon, Pa.
BARNHILL, CLARENCE	Olmsted Air Force Base, Middletown, Pa. 25 N. Sumner St., York, Pa.
Bennetch, Mrs. Mary	R. D. 4, Lebanon, Pa.
BLANCHARD, VIRGINIA	. R. D. 3. Harrisburg. Pa.
Brewster, Caroline	. 49 W. Emaus St., Middletown, Pa.
	Olmstead Air Force Base, Middletown, Pa
Brown, Joanne Buch, John	345 S. Market St. Elizabethtown Pa
BUFFINGTON, MRS. DOROTHY	
COOPER, MRS. ELSA	
Costlow, George	
DAVIS, GEORGE	. 1338 W. Main St., Palmyra, Pa.
DONNELLY, MICHAEL	
EBERLY, MRS. ELIZABETH	Olmsted Air Force Base, Middletown, Pa.
Eck, Mrs. Beatrice	. R. D. 2, Elizabethtown, Pa.
ELLENBERGER, J. VERNAL	R. D. 1, Annville, Pa.
FARLEY, RICHARD	Olmsted Air Force Base, Middletown, Pa.
FLORY, MRS. MARY ELLEN	. 540 Mt. Joy St., Elizabethtown, Pa.
FORTE, JEROME	. 2 Syeamore Lane, Middletown, Pa.
Garber, Sara	
GRANT, JOHN	Olmsted Air Force Base, Middletown, Pa.
GRIFFIN, JOHN	
HAINES, MRS. ELSIE	Olmsted Air Force Base, Middletown, Pa.
HAVERSTICK, R. DONALD	.30½ S. Poplar St., Elizabethtown, Pa.
HERR, MARJORIE	Box 141, Florin, Pa.
HOFFER, NANCY HOOVER, STANLEY	. R. D. I, Elizabethtown, Pa.
Houck, George	. Mt. Joy, Pa.
JACK, JOSEPH	Olmsted Air Force Base, Middletown, Pa.
Keath, Frank Keenan, Mrs. Helen	. 1147 E. Cumperiand St., Avon, Pa.
KEENER, EDWIN	. R. D. 2, Mt. Joy, Pa.
Kesselman, Russell	. Olmsted Air Force Base, Middletown, Pa.
KILE, BETTIE	. 19 S. Queen St., Lancaster, Pa. Olmsted Air Force Base, Middletown, Pa.
110, 020002 111111111111111111111111111111	

KULPON, MRS. RUTH
LAWVER, JUSTINE
LAWVER, JUSTINE
L126 Park St., Elizabethtown, Pa.
LEMON, MARY
101 Race St., Middletown, Pa.
LEVERENTZ, JOHN
528 W. Cumberland Rd., Enola, Pa.
LICHTY, JOHN
16 E. Main St., Mt. Joy, Pa.
LICHTY, JOHN
16 E. Main St., Mt. Joy, Pa.
LIVINGSTON, MRS. HILDA
LIVINGSTON, MRS. HILDA
LUDWIG, GEORGE
506 N. Market St., Elizabethtown, Pa.
LYONS, WILLIAM
MARTIN, LILY
R. D. 2, Elizabethtown, Pa.
MCCRACKEN, JOHN
123 Hillside Rd., Middletown, Pa.
MCCRACKEN, JOHN
123 Hillside Rd., Middletown, Pa.
MCGRACKEN, JOHN
124 High St., Elizabethtown, Pa.
MCGUIRE, JAMES
Olmsted Air Force Base, Middletown, Pa.
MEYER, MATTHEW
317 W. High St., Elizabethtown, Pa.
O'GUINN, ROBERT
Olmsted Air Force Base, Middletown, Pa.
O'GUINN, ROBERT
Olmsted Air Force Base, Middletown, Pa.
O'GUIRK, EDWARD
Olmsted Air Force Base, Middletown, Pa.
RABER, ELWOOD
Bainbridge, Pa.
RAFSOR, MRS. NAOMI
2923 N. Walnut St., Harrisburg, Pa.
RAYSOR, MRS. NAOMI
2923 N. Walnut St., Harrisburg, Pa.
RAYSOR, MRS. NAOMI
2923 N. Walnut St., Harrisburg, Pa.
RAYSOR, MRS. NAOMI
2923 N. Walnut St., Harrisburg, Pa.
ROKSANDIC, MICHAEL
BOX 456, R. D. 1, Middletown, Pa.
SCHWANKL, ALFRED
29 N. Charlotte St., Lancaster, Pa.
SEALS, SYLVESTER
Olmsted Air Force Base, Middletown, Pa.
SHANK, RUTH
236 Emaus St., Middletown, Pa.
SHANK, RUTH
237 Lancaster, Pa.
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238 Emaus St., Middletown, Pa.
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239 Emaus St., Middletown, Pa.
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230 Emaus St., Middletown, Pa.
SHANK, RUTH
230 Emaus St., Middletown, Pa.
SHANK, RUTH
231 Emaper St., Lancaster, Pa.
THOMPSON, EDWARD
707 Briarcliff Rd., Middletown, Pa.
STOHLER, GEORGE
R. D. 1, Sheridan, Pa.
STOHLER, Mapel
WERT, MABEL
87 Maytown Ave., Elizabethtown, Pa.
ZERPHEY, ARTHUR
229 N. Barbara St., Mt. Joy, Pa.

Lebanon Valley-Elizabethtown College Extension Center Harrisburg, Pennsylvania 1951-1952

APPLE, MILDRED
BAKER, YVONNE
BASTIAN, MRS. MARGARET
BEARD, M. MARGARET
BEATTY, Mrs. EVELYN
BRUMBAUGH, VIRGINIA
BRUNNER, WILLIAM
CARTER, NOAH
COOK, MYRA
CRAIN, LAWRENCE W
Culhane, Mrs. Rose
DASHER, WILLIAM
Davis, Warren
DECK, MARGARET
Deibel, Mrs. Mildred
DEIMLER, ELWOOD
Deimler, Evelyn
DEMMY, DIANE
Derickson, Bonnie
EPPLER, MERVIN
FELTY, ROBERT
FORNEY, MARION
FOUNTAIN, JUDITH
GILBERT, SAMUEL J
Greenawalt, Myrna
GRIMM, MRS. PAULINE
GROOME, Mrs. Mary
GUMPHER, M. CELESTINE3780 Montour St., Harrisburg, Pa.
GUMPHER, RUSSELL
Heisler, Metra
HOKE, ALICE J
HOLSBERG, BARBARA
IRVINE, NAOMI
KAUFMAN, MORRIS
Kerestes, Anna
MARCOLES, ZINNA

KING, PHOEBE
LEMON, MARY 101 Race St., Middletown, Pa.
LEVERENTZ, JOHN
Mancuso, James
Martin, Mrs. Alice
MILLER, MRS. BETTY J
Mohos, Steven 556 Radnor St., Harrisburg, Pa.
Monath, Elizabeth 36 N. Fourth St., Lemoyne, Pa.
NESANGER, MRS. ELEANOR
OVERTON, WILLIAM
Peters, Marlyn
REEM, Mrs. Marie
RISSER, MARY ANN 1324 Howard St., Harrisburg, Pa.
SHADEL, MRS. E. MARION
SHANK, RUTH
SHARRETTS, JEAN 2140 N. 4th St., Harrisburg, Pa,
SHIELDS, PAUL
SNYDER, EMMA
Spier, Joseph
Stevens, Aurelius 1252 Walnut St., Harrisburg, Pa.
Stohler, George R. D. I, Sheridan, Pa.
TRITT, BRINTON
TRONEL, MRS. MARIAN
VALLEY, JOSEPH
Pa.
WHITE, TOMMYE ANNE
Pa.
Wills, Mrs. Elsie
Woland, Charles
Young, HaroldLoyalton, Pa.
ZIMMERNAN, RAYMOND
The state of the s

1951-Unit I

June 4 to June 23

Ault Richard Bausman, William 214 Catherine St., Middletown, Pa. Becker, Earl Bellis, Edward 319 Grant St., Ephrata, Pa. Bellis, Edward 434 S. Market St., Elizabethtown, Pa. Bender, John 2644 Waldo St., Harrisburg, Pa. Benner, Tryon Benner, Tryon Berner, Dale R. D. 6, York, Pa. Berner, Dale R. D. 6, Work, Pa. Berner, Dale R. D. 1, Worker Dr., Pennsauken, N. J. Berner, Dale R. D. 1, Worker Dr., Pennsauken, N. J. Berner, Dale R. D. 1, New Holland, Pa. Martin, Carl Martin, Carl Martin, Carl Meminger, James Milleur Moyer, Walton R. D. 1, New Holland, Pa. Moyer, Walton R. D. 2, Telford, Pa. Moyer, Walton R. D. 2, Telford, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Berner, Daniel Ranger, Pa. Moyer, Walton R. D. 2, Telford, Pa. Myers, David Ranger, Lewood Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Maroub Bainbridge, Pa. Moyer, Walton R. D. 3, Elizabethtown, Pa. Ranger, Elwood Bainbridge, Pa. Moyer, Maroub Ranger, Pa. Moyer, Maroub Roth Maroub Roth Roth Roth Roth Roth Roth Roth Roth Roth
RICHTER, EDWARD
RIFE, ELWOOD
ROTH CHARLES 315 Leaman St. Lititz. Pa.
RUOSS, THOMAS
Sensenig, PaulBox 273, East Petersburg, Pa.
SHERTZER, LEONARD

SMETHERS, HERBERT
SNADER, NEVIN
Sparkman, Edwin
Stohler, George
Weaver, Kenneth
WHITACRE, ALAN
WILLIAMS, FREDERICK

Women

ATHERTON, MRS. LILLIAN	6 E. High St., Annville, Pa. 121 W. Hummelstown St., Elizabethtown,
	Pa.
BUCKWALTER, MIRIAM	
Duranteen Mag Denestry	D. D. 4 Machania-bura De
BUFFINGTON, MRS. DOROTHY	. K. D. 4, Mechanicsburg, ra.
Daniels, Mrs. June	416 S. Lincoln St., Palmyra, Pa.
EBERLY, PEGGY	R. D. 3, Elizabethtown, Pa.
FOLEY, JOYCE	421 W. King St., Lancaster, Pa.
HEILMAN, MRS. CHRISTINE	31 Wilson Ave., Elizabethtown, Pa.
HOSTETTER, JUNE	. R. D. 1. Annville. Pa.
LEBER, MRS. JOY	
LEHMAN, Mrs. RUTH	
Loser, Mrs. Ruth	
McGurk, Mrs. Gladys	
MESSERLY, DOROTHY	
MILLER, CELIA ANN	
NOLT, MIRIAM	. R. D. 2, Mt. Joy, Pa.
RAYSOR, MRS. NAOMI	2923 N. Walnut St., Harrisburg, Pa.
RAYSOR, PATRICIA	3112 Hillside St., Penbrook, Pa.
Reigle, Mrs. Ada	
RHEN, MRS. SADIE	
RODDY, GWENDOLYN	. 530 Rock Glen Dr., Wynnewood, Pa.
RUTHERFORD, LILLAN	
SANFORD, Mrs. ELICE	332 W Cottage Pl Vork Pa
SAYLOR, MRS. MURIEL	
CHELERE MANCY	200 Center St. Chembershurg Da
SHEAFFER, NANCY	1114 E. M. in Ct. Annuille De
WENGER, FERNE	
ZIEGLER, MRS. NANCY	364 Park St., Elizabethtown, Pa.

1951-Unit II

June 25 to August 4

AULT, RICHARD	806 Pennsylvania Ave., Vork. Pa.
BAUSMAN, WILLIAM	214 Catherine St. Middletown Pa
BECKER, EARL	130 Grant St. Fohrata Pa
BELLIS, EDWARD	424 C Market Ct Flinchethtown Da
DENDER TOWN	2644 Wells St. Hamiston De
Bender, John	The manual of the Themselves Themselves The Themselves Themselve
BENNER, TRYON	I nompsontown, Pa.
BERKHEIMER, DALE	K. D. 6, York, Pa.
BRANDT, JAMES	R. D. 3, Elizabethtown, Pa.
Bruscia, Anthony	General Delivery, Hershey, Pa.
Buch, John	345 S. Market St., Elizabethtown, Pa.
Cosgrove, John	
DAVIDSON, ROBERT	1081 Pratt St., Philadelphia, Pa.
DONNELLY, MICHAEL	802 N. Duke St., Lancaster, Pa.
DRUDGE, WALTER	Markham, Ontario
FICHTER, JACK	
FOSTER, GORDON	R. D. 3. Elizabethtown, Pa.
FREY, GLENN	
GARRAHAM, PAUL	
GROSS, MERRILL	1723 N. 6th St., Harrisburg, Pa.
HARTSOE, JAMES	
HAVERSTICK, R. DONALD	301/2 S. Poplar St., Elizabethtown, Pa.
HOOPERT, DANIEL	492 W. High St., Elizabethtown, Pa.
Hoover, Stanley	. Lineboro. Md.
KAY, THOMAS	. 124 Pine St. Middletown Pa
KEATH, FRANK	1147 E. Cumberland St. Avon. Pa
KLAUSS, NOAH	1801 N 2nd St. Harrisburg Pa
KORMAN, FRED	Smithmill Pa
Long, Amos W., Jr.	Box 16 R D 2 Annuille Pa
LUDWIG GEORGE	506 N. Market St., Elizabethtown, Pa.
Manifold, Hugh	
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MARTIN, CARL
MEMINGER, JAMES
MILNE, DAVID
MOWRER, HAROLD
Myers, David
RABER, ELWOOD Bainbridge, Pa.
RICHTER, EDWARD
ROLAND, GERALD
Roth, Charles
Ruoss, Thomas
Sensenic, Paul
SHEETZ, JESSE
SMETHERS, HERBERT
SNADER, NEVIN
SPARKMAN, EDWIN
STAHLER, MAURICE Highspire, Pa.
STOHLER, GEORGE
THOME, RALPH
WEAVER, KENNETH
WHITACRE, ALAN
WILLIAMS, FREDERICK
, ,

Women

ARMSTRONG, MRS. THELMA
ATHERTON, MRS. LILLIAN
Bennetch, Mrs. Mary
Bretz, Sara
BUCKWALTER, MIRIAM
Byers, Arletta
Daniels, Mrs. June
Eyler, Mrs. Maude
Foley, Joyce421 W. King St., Lancaster, Pa.
Forney, Mrs. Edna Thompsontown, Pa.
HEILMAN, MRS. CHRISTINE
Hershey, Charmar
HOSTETTER, JUNE
Leber, Mrs. Joy
McLaughlin, K. Patricia
Meckley, Mrs. Carole
Messerly, Dorothy
MILLER, BLANCHE Elizabethville, Pa.
MILLER, CELIA ANNPenryn, Pa.
MILLER, MARY JEAN
Morganthall, Mary Louise 415 Elm Court, Middletown, Pa.
REIGLE, Mrs. Ada
RODDY, GWENDOLYN
RUTHERFORD, LILLIAN Bainbridge, Pa.
SHEAFFER, NANCY
SHEETZ, MRS. JANE
Ziegler, Mrs. Nancy
Zibobba, Mass. Marce

1951-Unit III

August 6 to August 25

APPEL, THOMAS
AULT, RICHARD 806 Pennsylvania Ave., York, Pa.
BECKER, EARL
Bellis, Edward
Bender, John
BENNER, TRYON Thompsontown, Pa.
BERKHEIMER, DALE
Brandt, James
BRUSCIA, ANTHONY
BURKINS, JOHN
Cosgrove, John Rheems, Pa.
DRUDGE, WALTER Markham, Ontario
FICHTER, JACK 1820 W. River Dr., Pennsauken, N. J.
FROST, GEORGE
GARRAHAN, PAUL
GEIB, WARREN
GEIB, TYARREN TO THE TOTAL DE 17 OF INTERIOR TO

GROSS, MERRILL	1723 N. 6th St., Harrisburg, Pa.
HAVERSTICK, R. DONALD	301/2 S. Poplar St., Elizabethtown, Pa.
HOOPERT, DANIEL	492 W. High St., Elizabethtown, Pa.
HOOVER, STANLEY	Lineboro, Md.
HORNBERGER, LEE	
ISGRIG, JACK	127 E. Chestnut St., Cleona, Pa.
KORMAN, FRED	
LEHMAN, CLARENCE	
LUDWIG, GEORGE	506 N. Market St., Elizabethtown, Pa.
MANN, LOWELL	Clayton, Ohio
MILNE, DAVID	209 N. Gotwalt St., York, Pa.
Mowrer, Harold	
Myers, David	R. D. 3, Elizabethtown, Pa.
RABER, ELWOOD	Bainbridge, Pa.
SENSENIG, PAUL	Box 273, East Petersburg, Pa.
SHERTZER, LEONARD	R. D. 1, Hummelstown, Pa.
SMETHERS, HERBERT	115 S. Main St., Hatfield, Pa.
SPARKMAN, EDWIN	
STOHLER, GEORGE	
TRITCH, VERDUN	133 Union St., Middletown, Pa.
WEAVER, KENNETH	R. D. 1, Stevens, Pa.
WILLIAMS, FREDERICK	413 9th St., New Cumberland, Pa.

Women

BENNETCH, MRS. MARY	.R. D. 4, Lebanon, Pa.
Beshore, Mrs. Evelyn	. R. D. 1, Mt. Wolf, Pa.
BISHOP, MRS. LEONA	. 121 W. Hummelstown St., Elizabethtown,
	Pa.
CAMPBELL, ALMA	. Sellersville, Pa.
Foley, Joyce	. 421 W. King St., Lancaster, Pa.
HEILMAN, MRS. CHRISTINE	.31 Wilson Ave., Elizabethtown, Pa.
Hogg, Mrs. Ruth	. 3350 E. Market St., York, Pa.
KAYLOR, MRS. ELIZABETH	. 69 Park St., Elizabethtown, Pa.
KISSINGER, CHARMAINE	.702 E. Philadelphia St., York, Pa.
LEBER, MRS. JOY	. 36 S. Market St., Elizabethtown, Pa.
LOSER, MRS. RUTH	
MILLER, BLANCHE	
MILLER, CELIA ANN	
MILLER, MRS. ESTHER	
MILLER, MARY JEAN	
MORGANTHALL, MARY LOUISE	
REIGLE, MRS. ADA	
RHEN, MRS. SADIE	
RUTHERFORD, LILLIAN	
SAYLOR, MRS. MURIEL	
SHEAFFER, NANCY	
Ziegler, Mrs. Jean	

Summary

Number of Students, 1951-1952

	Men	Women	Total
Seniors	42	14	56
Juniors	42	19	61
Sophomores	27	31	58
Freshmen	50	29	79
Special Students	5	6	11
Part-time Students	51	27	78
Harrisburg Center Students	25	40	65
Unit I, 1951	44	27	71
Unit II, 1951	51	27	78
Unit III, 1951	38	22	60
Total	375	242	617
Names Repeated	102	46	148
Grand Total	273	196	469



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Credits	16
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Elementary Education	28
Medical Technology	26
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Officers of Administration	12
Orchestra	81
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Healing Arts	22
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LIZABETHTO	OF ADMISSIONS OWN COLLEGE OWN, PENNSYLVANIA
ear Sir:	
I am inte	erested in Elizabethtown College.
	Send me an Application for Admission form.
	Arrange an interview for me on the campus.
	Send me information about honor scholarships.
IAME	
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ligh School	DATE OF GRADUATION
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LIZABETHTO	OF ADMISSIONS OWN COLLEGE OWN, PENNSYLVANIA
ear Sir:	
I am inte	erested in Elizabethtown College.
	Send me an Application for Admission form.
	Arrange an interview for me on the campus.
	Send me information about honor scholarships.
AME	
TREET	CITY & STATE
IGH SCHOOL	DATE OF GRADUATION
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LIZABETHTO	OF ADMISSIONS OWN COLLEGE OWN, PENNSYLVANIA
ear Sir:	
I am inte	erested in Elizabethtown College.
	Send me an Application for Admission form.
	Arrange an interview for me on the campus.
	Send me information about honor scholarships.
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TREET	CITY & STATE

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN, PENNSYLVANIA

PLACE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA





ELIZABETHTOWN COLLEGE BULLETIN

19531954

LIZABETHTOWN

PENNSYLVANIA



CALENDAR =

1953

JANUARY	FEBRUARY	MARCH
S M T W T F S	SNTWTF8	SMTWTF8
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
APRIL	MAY	JUNE
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	7 8 9 10 11 12 13 14 15 16 17 18 19 21 21 22 23 24 25 26 27 28 29 30
JULY	AUGUST	SEPTEMBER
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	
OCTOBER	NOVEMBER	DECEMBER
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	

1954

JANUARY	FEBRUARY	MARCH			
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			
APRIL	MAY	JUNE			
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JULY	AUGUST	SEPTEMBER			
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			
OCTOBER	NOVEMBER	DECEMBER			
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			



Library Building

Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-fourth Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1952-1953

Announcement of Courses 1953-1954

Vol. XXXIX

January, 1953

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1953

Summer Sessions-1953

June	8	Monday, 8:00 A.MIntersession Begins
June	27	Saturday, 12 MIntersession Ends
JUNE	29	Monday, 8:00 A.MSummer Session Begins
JULY	4	SaturdayIndependence Day (No classes)
August	8	Saturday, 12 MSummer Session Ends

Academic Year 1953-1954

September	21-22	Monday-TuesdayFreshman Orientation
SEPTEMBER	23	WednesdayUpperclassmen Registration
SEPTEMBER	23	Wednesday
September	24	Thursday, 7:40 A.M
SEPTEMBER	25	Friday, 9:30 A. M
October	31	Saturday Home-Coming Day
November	13	Friday Founders' Day
November	25	Wednesday, 12 NoonThanksgiving Recess Begins
November	30	Monday, 12 Noon
December	18	Friday, 12 Noon
JANUARY	4	Monday, 12 Noon
JANUARY	29	Friday First Semester Ends
February	1	Monday
FEBRUARY	2	Tuesday, 7:40 A.M
APRIL	15	Thursday, 12 Noon
APRIL	19	Monday, 12 Noon
May	28	Friday Second Semester Ends
May	29	SaturdayAlumni Day
MAY	30	SundayBaccalaureate Service
MAY	31	Monday, 10:00 A. M

1954

Summer Sessions-1954

June	7	Monday, 8:00 A.M	Intersession Begins
JUNE	26	Saturday, 12 M	Intersession Ends
June	28	Monday, 8:00 A. M	Summer Session Begins
JULY	4	Sunday	Independence Day
August	7	Saturday, 12 M	Summer Session Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900 for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- a. That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- b. That a man can give his best only when he keeps his mind as the master of his body.

- c. That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- d. That life in college calls for hard work and firmness of purpose.
- e. That a college education is regarded not only as "preparation for life" but as life.
- f. That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement,

forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic beverages is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

Elizabethtown College is located in Elizabethtown, Pennsylvania, a prosperous town of about 5,500 inhabitants in the northern part of fertile Lancaster County, aptly styled the "Garden Spot of the World." The town is a busy, growing place with numerous prosperous industries. The main line of the Pennsylvania Railroad, connecting New York and Chicago by the way of Lancaster and Philadelphia, passes through the town.

Elizabethtown has direct bus connections with Lancaster and Harrisburg. Furthermore, Elizabethtown is located on the main highway connecting the State Capital and Philadelphia through Lancaster. It is situated equidistant from four county seats, Harrisburg, Lancaster, York, and Lebanon. Auto bus lines connect Elizabethtown with the large cities in the eastern part of the United States.

The town is near the Conewago Hills. Its landscape is most charming, and its hills, on one of which the College is located, are beautiful. These features have attracted to this locality the widely-known Masonic Homes, the Patton Trade School, and the Hospital for Crippled Children.

The gorgeous sunsets on the western horizon will ever live in the memory of those who have attended Elizabethtown College. Several miles west of Elizabethtown flows the Susquehanna River, a lordly stream winding among verdant hills.

Trustees of Elizabethtown College

Expires		astern.	Pennsylva	mia	
December 1953 1953 1954 1954 1954 1955 1955 1955	J. W. Ketter F. S. Carper Rufus P. Buc Norman K. M Berkey Knave S. Clyde Wea Howard A. M Carl W. Zeig	her, <i>Ch</i> Iusser I Iver Merkey	airman	Ea	Elizabethtown, PaPalmyra, PaQuarryville, PaColumbia, PaMyerstown, Pa. ast Petersburg, PaManheim, PaLebanon, Pa.
	S	outhern	ı Pennsylve	ania	
1953 1953 1954 1955	Edward E. B Chester H. R	augher oyer			Lineboro, Md. Hanover, Pa. York, Pa. Greencastle, Pa.
	Nominat	ed by ti	he Alumni	Associ	ation
1953 1954 1955	Charles E. W	eaver			Elizabethtown, PaManheim, PaBiglerville, Pa.
	Nomina	ed by t	he Board o	of Tru.	stees
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Rufus P.	Bucher J. S. Sellers	J. W	. Kettering	Samue	Howard A. Merkey L S. Wenger
Finance Committee					
N. K. Mu F	jsser '. S. Carper		ZRA BUCHER		J. W. KETTERING F. SPRENKEL

Equipment Committee

K. Ezra Bucher S. Clyde Weaver Paul M. Grubb Jacob K. Garman Horace A. Raffensperger

The Chairman of the Board is a member ex-officio of all committees.

^{*} Deceased.

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College; A.B., Elizabethtown College; B.S., Franklin and Marshall College; M.S., University of Pennsylvania; Graduate Student, Columbia University; Ph.D., New York University; LL.D., Franklin and Marshall College.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College; Ed.M., Temple University; Ed.D., Temple University; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College; Student, Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College; A.M., University of Pennsylvania; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College; Art Student, Albright College and Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College; Graduate Eastman Business College; A.B., Juniata College; A.M., Columbia University; Graduate Student, Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabethtown College; A.B., Ursinus College; A.M., Ursinus College; Litt.D., Ursinus College; Student, Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh; M.S., University of Pittsburgh; Ph.D., University of Pittsburgh.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Pennsylvania State College.

Frederick C. Neumann

Professor of Languages

Ph.D., (Language) University of Vienna; Ph.D., (Political Science) University of Vienna; Graduate Student, University of Prague, University of Bristol and University of Richmond,

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music—Piano, 1919; Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M.Mus., Northwestern University, 1947; Student Columbia University and Juilliard School of Music, Summer, 1950.

GALEN C. KILHEFNER

Professor of Sociology and Psychology

B.S., Elizabethtown College; Ed.M., Temple University; Graduate Student, University of Pennsylvania; Ed.D., University of Pennsylvania.

ELMER B. HOOVER

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College; M.Ed., Pennsylvania State College; Graduate Student, Pennsylvania State College.

CARL E. HEILMAN

Associate Professor of Mathematics and Physics

A.B., Lebanon Valley College; A.M., Duke University; Graduate Student, University of Chicago, Syracuse University.

EPHRAIM GIBBEL MEYER

Reference Librarian

Pd.B., Elizabethtown College; A.B., Elizabethtown College; Graduate, Music Teachers' Course; Student, American Conservatory of Music, Chicago; A.M., Columbia University; Diploma, Teacher of Public School Music, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College; A.M., Columbia University; Graduate Student, Columbia University.

ALBERT L. GRAY, JR.

Associate Professor of Business Education

B.S., Drexel Institute of Technology; M.B.A., Boston University; Graduate Student, University of Pennsylvania.

K. Ezra Bucher

Treasurer and Business Manager, Assistant Professor of Business Education

B.S., Elizahethtown College; Student, Lebanon Valley College; M.S., New York University.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers College; B.L.S., Columbia University.

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College; M.Ed., Pennsylvania State College; Graduate Student, Duke University.

Bessie D. Apgar

Assistant Professor of Biology

A.B., Muskingum College; M.S., University of Pittsburgh; Ph.D., University of Pennsylvania.

WILHELM REUNING

Assistant Professor of History and Political Science

B.S., University of Pennsylvania; M.S., University of Pennsylvania; Graduate Student, University of Pennsylvania.

ROBERT A. BYERLY

Assistant Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. & M. College; B.D., Bethany Biblical Seminary; A.M., Butler University; Graduate Student, Garrett Biblical Institute; Temple University.

IRA R. HERR

Instructor in Physical Education

A.B., Franklin and Marshall College; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College; Student, Columbia University; Piano Clinic, New York City; Student, Peahody Conservatory of Music.

JOSEPH H. DODD

Instructor in Physical Education and Dean of Men

B.S., Elizabethtown College; New York University.

LOUISE K. KELLY

Instructor in English

A.B., Skidmore College; M.A., Pennsylvania State College; Ph.D., Pennsylvania State College.

ELINOR EASTLACK

Instructor in Business Education

B.S., Pennsylvania State College; Ed.M., Pennsylvania State College.

KATHRYN HERR

Part-time Instructor in French

A.B., Lehanon Valley College; Graduate Student, French Institute of Pennsylvania State College and Temple University.

ELINOR B. NEUMANN

Part-time Instructor in German

A.B., Swarthmore College; M.A., Middlehury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of Band and Orchestra

B.S. in Music, West Chester State Teachers College.

JANE M. BAHR

Part-time Instructor in Art

B.S., Kutztown State Teachers College.

Mrs. Theresa Fetter

Part-time Instructor in Organ

B.M., Temple University; M.Mus., Philadelphia Musical Academy; Student, Westminster Choir College,

EDGAR T. BITTING

Part-time Instructor in Business

B.S., Elizabethtown College; M.B.A., University of Pennsylvania.

EVELYN HEATH

Part-time Instructor in Physical Education

B.S., West Chester State Teachers College.

SAMUEL S. WENGER

Special Lecturer in Law

A.B., Elizahethtown College; A.M., Temple University; LL.B., Temple University; Member, Lancaster County Bar.

CHARLES E. WEAVER

Special Lecturer in Medical Laboratory Technique

B.S., Elizahethtown College; M.D., Hahnemann Medical College; Member, Lancaster General Hospital Staff.

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S Treasurer and Business Manager
VERA R. HACKMAN, A.B., A.M Dean of Women
EBY C. ESPENSHADE, B.S., M.Ed Director of Admissions
ELMER B. HOOVER, B.S., M.ED Secretary to Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M
ROBERT A. BYERLY, A.B., B.D., A.M.
ALICE S. HEILMAN, B.S., B.L.S
Joseph H. Dodd, B.S
ROBERT S. YOUNG
EMMA R. ENGLE, A.B
JESSIE K. COSNER
CARRIE W. ELLIS Assistant Dean of Women
R. JEAN IMHOFF Secretary to the President
PHYLLIS M. MEYERS
Doris O. Lewis Secretary to the Dean
Loretta Kline Secretary, Alumni Office
Freda Franklin Secretary to the Treasurer
GERALDINE WENGER, R.NStudent Nurse
Eilen Howell
L. D. Rose, A.B., A.M Director, Brethren Historical Library

Faculty Committees

Administration—A. C. BAUGHER, H. G. BUCHER, K. E. BUCHER

Admissions and Student Personnel-H. G. Bucher, Galen C. Kilhefner, VERA R. HACKMAN, EBY C. ESPENSHADE, JOSEPH H. DODD

Instruction—H. G. BUCHER, VERA R. HACKMAN, CHARLES S. APGAR, WIL-

HELM REUNING, ALBERT L. GRAY, JR.

Housing—K. Ezra Bucher, Vera R. Hackman, Joseph H. Dodd, Carrie

Ellis, Jessie K. Cosner

Religious Activities—Robert A. Byerly, A. C. Baugher, Nevin W. Fisher, Nevin H. Zuck

Social Activities-VERA R. HACKMAN, JOSEPH H. DODD, ROBERT A. BYERLY, ELINOR EASTLACK, JESSIE K. COSNER, CARRIE ELLIS

Placement—Galen C. Kilhefner, Henry G. Bucher, O. F. Stambaugh,

Eby C. Espenshade, Elmer B. Hoover, Albert L. Gray, Jr.

Publications-Administrative Committee, Alumni Secretary, Vera R. HACKMAN

Public Programs—Carl E. Heilman, K. Ezra Bucher, Nevin W. Fisher, ALICE S. HEILMAN, LOUISE K. KELLY, VERA R. HACKMAN Library—ALICE S. HEILMAN, E. G. MEYER, R. W. SCHLOSSER, FREDERICK

C. NEUMANN Athletics-K. Ezra Bucher, Ira R. Herr, Joseph H. Dodd, O. F. Stam-BAUGH, EBY C. ESPENSHADE, PRESIDENT AND THE SECRETARY OF THE

ATHLETIC ASSOCIATION

Health—O. F. Stambaugh, Ira R. Herr, K. Ezra Bucher, Charles E. Weaver, the Student Nurse

Academic Regulations

Admission of Students

The Committee on Admissions and Personnel attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of fifteen Carnegie units of secondary school work.

The requirements for admission to the freshman class are:

English3 units	Science1 unit
History and Social Studies2 units	Mathematics units
Language2 units	

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions and Personnel, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Dean of the College for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Students must attain a grade of "C" or better in their major field during the first two years.

Majors for A.B. in Liberal Arts

English—English, eighteen to twenty-four hours exclusive of English Composition.

History and Political Science—History and Political Science, eighteen to twenty-four hours, exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours.

Bible and Philosophy—Eighteen to twenty-four hours.

Mathematics—Eighteen to twenty-four hours.

Sociology—Eighteen to twenty-four hours.

Music—A major of eighteen to twenty-four hours with a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

Social Studies—History and at least one course in Economics, Sociology and Political Science—eighteen to twenty-four hours exclusive of History 10a-b.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10 a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—Twenty-four semester hours beyond Chemistry 10 a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

B.S. in Education

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select wisely his field of concentration. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Grades and Reports

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five point deficiency occurs, the dean will call the student for a conference.

Upon a fifteen point deficiency, the student is warned that there must be improvement during the next semester.

At the end of the semester in which a student receives his second warning he must have reduced his deficiency in order to continue in college.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality points.

In order to be eligible for graduation, students must have quality points equal in number to the semester hours required for the degree. Quality points are determined as follows:

Grade	Quality Points per s. h.
Α	 3
В	 2
C	 1
D	 0
F	 —1

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated the year of his admission.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of eight semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation. All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

Only grades earned at Elizabethtown College will be used in determining whether a student will be graduated with honors.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in each course will be reported to the Committee on Admissions and Personnel.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted amount of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The faculty Committee on Admissions and Personnel administers the regulations concerning absences.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

English—Composition and Literature 8-12 S. H.

Basal:

Spanish

Philosophy	4- 6 S. H.
At least two of the following:	
History of Philosophy Ethics History Psychology	
At least one of the following:	
Latin French German	12-16 S. H.

Pre-Legal Preparation

Natural Sciences—Physical or Biological 4-6 S. H.

4-6 S. H.

Social Sciences

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Courses Required for the A.B. Degree in Liberal Arts

Freshman Year	Semeste 1st	r hours 2d
English Composition	Sem. 3	Sem.
History of Civilization	2 2 3 3 2	2 2 3 3 2
Mathematics Bible Physical Education*	3 2 1	3 2 1
Total	16	16
Sophomore Year		
Survey of English Literature Modern European History Language Economics or Sociology Science Electives †	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
Literature History of the United States and Pennsylvania Speech	2 3 2	2 3
Bible Electives* Education* Economics History Language Sociology	9	2 9
Total	16	16
Senior Year		
Philosophy Ethics	3	2
Ethics American Government Electives † Bible Education †	12-14	3 3 9-11
English History and Political Science Sociology		
Total	15–17	15–17

^{*}Two years Physical Education are required.
† Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

This course which leads to the degree, Bachelor of Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
	2
Modern foreign language	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3-6 S. H.
Adv. math., including algebra and trigonometry.	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a one-year pre-engineering course. This permits students to study the fundamental subjects of the first year, such as English, biology, mathematics, physics, chemistry, language and history with the advantages of small classes and of personal contact with professors.

Affiliations with some of the leading engineering schools have been worked out so that students who take their freshman year at Elizabethtown College can usually complete their engineering course without extra time. The student should in each case ask the Dean to secure from the school which he expects to enter full approval of his program of studies.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-years' course in the School of Forestry, Duke University.

The following curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Pre-nursing

In this, as in all other science fields, the past decade has witnessed a strong trend toward broadening the preparation for nurses. The three-year regulation course of the hospital school admits high school students, but prefers women with at least some collegiate experience. In many cases the best positions in this

profession are reserved for college graduates. A number of colleges now offer graduate training in nursing, following the bachelor's degree.

Students who can remain in college no longer than two years should follow the program given in the freshman and sophomore years in the B.S. in Science curriculum. Those able to complete four years as college undergraduates should conform generally to the pre-medical program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

The curriculum preparing students for medical technology in cooperation with the Lancaster General Hospital and St. Joseph's Hospital, Lancaster, Pennsylvania, has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Courses Required for the B.S. Degree in Science

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition History of Civilization Language Chemistry Mathematics Psychology	3 2 3 4 3 2	3 2 3 4 3 2
Total	17	17
Sophomore Year		
Survey of English Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
History of the United States and Pennsylvania Speech Science or Mathematics Bible Electives* Education* Language Mathematics Science Sociology	3 2 3–4 2 6	3 3–4 2 8
Total	16–17	16–17
Senior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Physical Education Electives * Education * History and Political Science Mathematics Science	3 2 1 6	3 3 3 1 5
Sociology Total	15	15
Total	15	15

^{*} See footnote on page 21.

Requirements for the Degree of B.S. in Science in Forestry

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition History of Civilization General Psychology Mathematics General Chemistry Bible Physical Education	3 2 2 3 4 2	3 2 2 3 4 2 1
Total	17	17
Sophomore Year		
English Literature General Biology Language Economics Modern European History Physical Education Total	3 4 3 3 1 —	3 4 3 3 1
Junior Year		
General Physics Language History of the United States and Pennsylvania Sociology Plant Biology Philosophy Ethics Electives	4 3 3 3 3	4 3 3 4 3
Total	17	17

Summer following Junior Year, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. degree in Science in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

Freshman Year	Semest 1st Sem.	er hours 2d Sem.
General Chemistry General Biology English Composition College Algebra	4 4 3 3	4 4 3
Trigonometry	2 1	3 2 1
Total	17	17
Sophomore Year		
Qualitative Analysis Quantitative Analysis Histology Bacteriology	5 4	5 4
Survey of English Literature History of Civilization Physical Education	2 3 2 1	2 3 2 1
Total	17	17
Junior Year		
Introduction to Philosophy	3	
Ethics Physics Organic Chemistry History of the U. S. and Pennsylvania	4 4 3	3 4 4 3 3
American Government Electives *	3	3
Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

^{*} Typewriting-if not proficient-2 credits.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Program of Nursing Education

Need

For a number of years, especially the last decade, an urgent need for trained nurses has existed. According to present indications the need will continue in terms of an ever increasing demand for nurses. This need is readily understood in the light of the great expansion of hospital services to the general population of civilians as well as the great expansion necessitated by war conditions of recent and present times.

Consequently, a constant concern for a sufficient supply of applicants, largely drawn from the ranks of girls being graduated annually from the high schools, is felt by the various institutions calling for such services.

Opportunity

It is at once apparent that excellent opportunities for girls to pursue a most worthy and humanitarian service in the profession of nursing are offered to such who may have either a temporary or a career interest in this type of service. Inasmuch as many institutions may from time to time be understaffed, the prospective student may be assured that the demand for nurses will be extended indefinitely and may never reach the point where supply will reach the demand.

Purpose of the Program

Elizabethtown College offers a program designed to help meet this social service need. The purpose of the program proposed by the college is to cooperate with the program of accredited hospitals which offer state-approved courses of nurses' training leading to an R.N. by providing the liberal arts and science courses that will extend the education of the graduate nurse. This would in an additional two years entitle the candidate to a Bachelor of Science degree in Nursing.

Furthermore, it is the purpose of such a program to prepare nurses for greater opportunities and for more responsible positions. This should greatly enhance their personal qualifications for effective service.

The Plan

Applicants for admission to this new program must meet admission requirements of both the hospital and the college.

The first two years of the five-year plan shall be spent at Elizabethtown College. The last three years shall be continued in resi-

dence at the cooperating hospital in pursuit of the regularly prescribed nursing curriculum.

At the end of the five years, upon the satisfactory completion of the two-year college course and the three-year nursing course and the passing of the State Board Examination for the R.N. degree, the student will be eligible for the degree of Bachelor of Science in Nursing to be conferred by the College.

Graduate nurses having completed nurses' training before entering college shall receive full consideration for admission to college upon satisfying admission requirements.

In such cases the amount of college work required shall be dependent upon the time when the training was pursued and the adequacy of the program pursued. Recent graduates of nurses' training schools may hope to complete the college course in two years as prescribed below.

Requirements for the Degree of B.S. in Nursing

Freshman Year	Semeste 1st Sem.	2d
English Composition General Chemistry General Biology	3 4 4	3 4 4
Introduction to Sociology Social Problems General Psychology	3	3 2 2
History of Civilization	2 2	2
Total	18	18
Sophomore Year		
History of the United States and Pennsylvania English Literature	3 3 3	3 3
American Government Survey of Biblical History Experimental Psychology or Social Psychology	2 3 3	3 2
College Algebra or Basic Mathematics Ethics Physical Education	3 1	3 1 3
Human and Economic Geography		3
Total	18	18

Following is a list of the course areas given in theory and clinical experience during the student's three years in the school of nursing of the cooperating hospital.

- Biological and Physical Sciences, including anatomy, physiology, microbiology, and chemistry.
- II. Social Sciences, including psychology, sociology, social problems in nursing service, history of nursing, professional adjustments, and social aspects of family health.
- III. Medical Science, including pharmacology and therapeutics.
- IV. Nursing and Allied Arts, including nursing arts, nutrition, foods and cookery, diet therapy, medical and surgical nursing, obstetrics, nursing of children, and psychiatric nursing.

The minimum number of hours in the specific courses in the curriculum is prescribed by the Pennsylvania State Board of Nurse Examiners.

The Schools of Nursing are approved by the Pennsylvania State Board of Nurse Examiners, and are accredited by the National League for Nursing. The hospitals are approved by the American Hospital Association, the American College of Surgeons and the American Medical Association.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 s.h. including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.
Practice Teaching in the appropriate field	6 S. H.

Secondary Education Elementary Education Special Methods Hygiene Educational Measurements Educational Sociology History of Education Principles of Education

Visual Education

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Course Requirements for the B.S. Degree in Education

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition	3 2 2	3
General Psychology Introduction to Education Physical Education	2	2 2 3 1
Alternatives—Either A or B A. For Elementary Field*		
Public School Music	2 3	2
Teaching of English	3	3
B. For Secondary Field (any two subjects)		
Science †	4	4
Languages Mathematics	3	3
Total	16–17	15-17
Sophomore Year		
Survey of English Literature	3 2	3
Physical Education	1	1
Alternatives—Either A or B		
A. For Elementary Field*	•	
Curriculum in Arithmetic	3	3
Teaching of Health and Hygiene	2	2
Teaching of Public School Art	2 4	2 4
B. For Secondary Field (elect from fields of interest)		
Modern European History	3	3
Biology, Chemistry, or Physics	4	4
Mathematics	3	3
Languages	3	3
Principles of Economics	3 3	3 3
Total	17	15–17

^{*} Students who elect the Elementary Field are required to take the courses as listed. † Required for a degree.

Junior Year	Semeste 1st Sem.	r hours 2d Sem.
History of the United States and Pennsylvania	3	3
Educational Psychology	3	
Educational Measurements Sociology Speech Visual Education Physical Education	3 2	2
••••	1	
Alternatives—Either A or B		
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of Reading Electives	3 2	3 3 3
B. For Secondary Field		
Principles and Methods of Secondary Education Others selected from field in which student expects to teach	2	2
Total	17	17
Senior Year		
History of Philosophy Ethics American Government History of Education Bible	3	3 3 3 2
Alternatives—Either A or B		
A. For Elementary Field *		
Principles of Elementary Education	2 8 2	
B. For Secondary Field		
Practice Teaching	8	
Electives	2	6
Total	13–15	17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers the following courses:

Business Administration
Business Education—Teaching

Secretarial Science

Four-year degree course in secretarial science Two-year certificate course in secretarial science

Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition Survey of Biblical History Principles of Accounting History of Civilization Basic Mathematics	3 2 3 2	3 2 3 2
Mathematics of Business General Psychology Physical Education	2 1	3 2 1
Total	16	16
Sophomore Year		
Survey of English Literature	3 3	3
Cost Accounting Science Principles of Economics	4 3	3 4 3
Introduction to Sociology Physical Education	3 1	1
Electives		3
Total	17	17
Junior Year		
Business Law Money and Banking Corporation Finance	3 3	3
History of the United States and Pennsylvania	3	3 3 2
Electives	3	3
Total	15	17
Senior Year		
Business Statistics American Government	3	3 3 3
Ethics Personnel Administration Industrial & Labor Relations	3	3
Electives	9	3
Total	15	15

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3 S. H.
Education Psychology	3 S.H.
Professional Methods	6 S. H.
Practice Teaching in Business Education	6 S. H.
History of the U. S. & Pennsylvania	3 S.H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S.H.
Commercial Law	6 S.H.
Commercial Arithmetic	3 S. H.
Office Practice	3 S.H.
Salesmanship	3 S.H.
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	3 S.H.
Economics	6 S. H.
Retail Selling	12 S.H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Psychology Principles of Accounting Shorthand* Typewriting* Basic Mathematics Introduction to Education Physical Education Total	3 2 3 3 2 3 1 17	3 2 3 3 2 3 1 17
Sophomore Year		
Survey of English Literature Shorthand Corporation Accounting Cost Accounting Typewriting Business Correspondence Secretarial Office Practice Office Machine Practice Principles of Economics	3 3 3 2 2 2	3 3 3 3 2 3
Physical Education	$\frac{1}{17}$	 17
Junior Year		
History of the United States and Pennsylvania Human and Economic Geography Business Law Educational Psychology Methods of Business Education Science Physical Education	3 3 3 3	3 3 3 4 1
Total	16	17
Senior Year		
Practice Teaching Visual Education American Government Introduction to Philosophy Ethics Bible Mathematics of Business Electives	8 3 2 2	2 3 3 2 3 3
Total	15	16

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a monotonous routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. With the proper choice of electives the first two years may be arranged so that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration or Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Science	8 S. H.
Mathematics	6 S. H.
Business Administration	24 S. H.
History or Sociology	9 S. H.

Requirements for the Degree of B.S. in Secretarial Science

Freshman Year	Semester 1st Sem.	r hours 2d Sem.
English Composition	3	3
General Psychology	2	2
Shorthand *	3	3
Typewriting *	2	2
Principles of Accounting	3	3
Basic Mathematics	3	J
Mathematics of Business	J	3
Physical Education	1	1
Total	17	17
Sophomore Year		
Survey of English Literature	3	3
Science	4	4
Shorthand	3	3
Office Machine Practice	2	Ü
Typewriting	2	
Business Correspondence	2	3
Principles of Economics	3	3
Principles of Economics	3	3
Total	17	16
Junior Year		
History of United States and Pennsylvania	3	3
Human and Economic Geography	3	3
Business Law	3	3
Bible	2	2
Speech	2	-
Electives	3	5
Licetives		
Total	16	16
Senior Year		
Introduction to Philosophy	3	
Ethics	-	3
American Government		3
Bible	2	U
Secretarial Office Practice	2	2
Electives	9	7
		<u>-</u>
Total	14	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition	3	3
Elementary Shorthand *	3	3
Elementary Typewriting *	2	2
Introduction to Accounting	3	3
General Psychology	2	2
Bible	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Shorthand		3
Advanced Typewriting		
Business Correspondence		3
Secretarial Office Practice		2
Office Machine Practice	2	
Principles of Economics		3
Basic Mathematics	3	
Electives		3
Total	16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Shorthand *	3	3
Typewriting *	2	2
General Chemistry	4	4
General Biology	4	4
Physical Education	1	1
Total	17	17
Sophomore Year		
Secretarial Office Practice		2
Machine Practice	2	
Bible	2	2
Advanced Typewriting	2	
Advanced Shorthand	3	
Business Correspondence		3
Medical Secretarial Techniques	3	3
Psychology	2	2
Microbiology		4
Electives	3	
Total	17	16

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	3
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession, a six-week Summer Session, and a three-week Post Session.

The Intersession and the Post Session are organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During each of these short sessions a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn twelve semester hours of credit toward a degree by attending the three sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such parttime campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" offixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

ASSISTANT PROFESSOR BYERLY AND MISS MARTIN

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

3 credits

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

2 credits

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week

2 credits

31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

40a General Bible Doctrine—The entire course will center in the doctrine of redemption. Some of the topics treated are God, man, sin, the Scriptures, and various phases of the great doctrine of salvation. A few specific doctrines of the New Testament are studied during the second semester.

Three hours per week

3 credits

Prerequisite: 10ab
Offered 1953-1954

B. Christian Education

10a Principles and Administration of Christian Education —An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in Christian Education—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

Offered 1953-1954

33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course.

Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours per week

3 credits

Offered 1953-1954

Biology

PROFESSOR CHARLES APGAR, DR. BESSIE APGAR, AND Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure. function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week Laboratory fee, \$5.00 per semester 8 credits

Medical Terminology—See Medical Secretarial Techniques -28ab.

21a Office Nursing Technique—See Medical Secretarial Techniques—28ab.

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week 4 credits Prerequisite: Biology 10a-b

30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week 4 credits

31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30a

Two hours recitation and a minimum of two hours laboratory per week

3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

3 credits

41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

4 credits

43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours labratory per week

4 credits

43b Histology—The study of cells as organized into the tissues and organs of representative vertebrates.

Prerequisite: Biology 31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory

3 credits

48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative

to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professor Gray, Professor Bucher, Miss Eastlack, Mr. Wenger and Mr. Bitting

Accounting

11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week

6 credits

20a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

20b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

31a Advanced Accounting—Special emphasis is placed upon financial statements, valuation of assets, application of funds, partnership organization and liquidation, consignments, consolidations, trusts and estates. Practical problems supplement classroom discussions.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

32b Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

44d Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analyses and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Offered 1954-1955

45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Accounting 20ab

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

10a Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics or those who need review in such areas, and covers the basic principles of all the courses which should be offered as prerequisites for college algebra. This course is given in the Mathematics Department.

Three hours ber week

3 credits

11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest,

chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

38a Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Two hours per week

2 credits

39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Two hours per week

3 credits

41a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week

3 credits

This course is given in the History Department

Offered 1953-1954

42b Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Three hours per week

46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Three hours per week

3 credits

47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievances, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

49a Social Economics—This course discusses, in the light of modern standards, welfare economics, social insurance, poverty, and government regulation of business.

Prerequisite: Principles of Economics 20a-b

Three hours per week

3 credits

49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such proglems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: Principles of Economics 20a-b

Three hours per week

3 credits

Secretarial Science and Business Education

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulation, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$7.50 per semester Four hours per week

4 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: Typerwriting 12ab or permission of the instructor

Four hours laboratory per week

2 credits

26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester

Prerequisite: Elementary Gregg Shorthand 10ab

Two hours per week

2 eredits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview

and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours ber week

3 credits

28ab Medical Secretarial Techniques-This is a specialized course that prepares a secretary to render efficient useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms. In addition the students receive a basic training in office nursing techniques so as to acquaint them with these practices in medical offices.

Laboratory fee, \$2.50 per semester Three hours per week

6 credits

Chemistry and Geology

Professor Stambaugh and Professor Baugher

10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students who will continue with further courses in chemistry, or those who desire a more rigorous course than Chemistry 15a-b.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week

15a-b Elementary College Chemistry-This course is similar to Chemistry 10a-b in context. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chem-

Prerequisite: High School Algebra. Laboratory fee, \$8.00 per semester Three hours lecture and recitation and three hours laboratory per week

20a Qualitative Analysis-In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 5 credits Three hours recitation and six hours laboratory per week

25b Quantitative Analysis-A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week

8 credits

41a Advanced Quantitative Analysis-This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week

5 credits

Offered 1954-1955

44ab Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fee. \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week

8 credits

Offered 1953-1954

12b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee. \$5.00

Three hours lecture and three hours laboratory per week

4 credits

Offered 1954-1955

Education

Professors Bucher and Fisher, Associate Professors Hoover AND KILHEFNER, MR. DODD AND MISS BAHR

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

3 credits

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

12ab Fine Art-Oil Painting—This course is planned to develop skill and appreciation for landscape, portrait and still life.

Two to four hours per week

4 credits

14b Teaching of English—This course includes a study of the objectives, content, and methods of teaching the language arts in the elementary grades. Work books and textbooks are studied and evaluated. Opportunity is given for the construction of a course of study in Elementary English. Teaching of poetry and other literature for appreciation is also stressed.

Three hours per week

3 credits

Offered 1954-1955

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

3 credits

21a Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week

3 credits

Offered 1953-1954

23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice,

music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of 13ab, Music Fundamentals. To be taken in the freshman or sophomore year

Two hours per week

2 credits

25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester

Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31a-b Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35ab Teaching of Reading—This course includes aims, materials, and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied and evaluated. Projects, activities, units, and demonstrations are utilized. Special attention is given to the development of reading interests, tastes, prevention of reading disability as well as diagnostic and remedial measures. Basic and supplementary textbooks are reviewed and evaluated.

Three hours per week

6 credits

Offered 1953-1954

36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$2.00

Three hours per week

39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

Offered 1953-1954

40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Two hours per week

2 credits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the first eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week.

Prerequisites: Secondary—31ab and 42a Elementary—35ab and 42a

(The student teacher is required to provide for his own transportation)

Fee, \$40.00

Eight hours per week

8 credits

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week Offered 1954-1955

3 credits

49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week

3 credits

English

PROFESSOR SCHLOSSER, ASSOCIATE PROFESSOR HACKMAN, Mrs. Heilman, Miss Engle, and Doctor Kelley

10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures. Three hours per week 6 credits

30a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Three hours per week Offered 1954-1955

3 credits

31b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Three hours per week

3 credits

Offered 1954-1955

32a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Three hours per week Offered 1953-1954

3 credits

33b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Three hours per week Offered 1953-1954

3 credits

34a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Two hours per week

2 credits

Offered 1953-1954

36b The English Essay—The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Two hours per week

2 credits

Offered 1953-1954

36a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Three hours per week

3 credits

Offered 1954-1955

The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Three hours per week Offered 1954-1955

3 credits

Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours ber week

3 credits

Open only to Juniors and Seniors

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week

4 credits

Offered 1953-1954

41ab World Literature—A study of a selected group of literary masterpieces that have a relation to Western culture.

Two hours ber week

4 credits

Offered 1954-1955

42ab Modern Drama-A study of the major European and American dramatists from Ibsen to the present.

Two hours per week

4 credits

Offered 1954-1955

Chaucer—This course takes up a study of the Canterbury Tales, Troilus and Criseyde and some minor poems.

Three hours ber week Offered 1953-1954

3 credits

44b Early English Drama—The drama from the beginning to the time of Shakespeare is reviewed. A study is made of the miracle and morality plays and of the chief pre-Shakespearian dramatists.

Three hours per week
Offered 1953-1954

3 credits

45b English Workshop—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects. Three hours per week 3 credits

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Esperanto *

10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week

3 credits

French

10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading, and dictation are stressed. Does not count toward a major in French.

Three hours per week

6 credits

20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Mal-

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

herbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes,"

Three hours per week

6 credits

31ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-Beauve and several twentieth century authors are given special attention.

Three hours per week

6 credits

41ab French Conversation and Advanced Composition—This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)
Three hours ber week

6 credits

German

10a-b First Year German—Drill in pronounciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

30ab Third Year German—Beginnings of Greman literature through the Reformation and the Renaissance are studied.

Three hours per week

6 credits

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours per week

Greek

10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Assistant Professor Reuning

A. History

10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

(Required of all Freshmen in both semesters)

Two hours per week

4 credits

20ab History of Modern Europe—This course offers a survey of the development of modern Europe from 1500 to the present day. Stress will be placed on the long-range political, economic, social, and intellectual movements. These various factors will be integrated to show how they affect European history.

(Either semester may be taken for credit)

Three hours per week

23b Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

6 credits

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week

3 credits

Prerequisite: History 30ab
Offered 1953-1954

Teaching of the Social Studies—(See Education 36a).

40ab Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States.

Prerequisite: History 30ab

Two hours per week

4 credits

Offered 1954-1955

43a Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period since 1914. Political, diplomatic, economic, and social aspects of recent history provide the fundamentals for this course. The work will be centered around European and world wide developments.

Three hours per week

3 credits

Offered 1954-1955

44b Medieval History—This course is to be a survey of the History of Europe from 300 A. D.-1500 A. D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Catholic Church, Christian Thought and Philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week

B. Political Science

40a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week

3 credits

Offered 1953-1954

41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government, but with some consideration of Pennsylvania state and local government.

Three hours per week

3 credits

42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy.

Two hours per week

2 credits

Offered 1954-1955

Mathematics

Associate Professor Heilman

10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics or those who need review in such areas, and covers the basic principles of all the courses which should be offered as prerequisites for college algebra.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

^{*} Does not count toward a major.

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisite: Mathematics 20a

Three hours per week

3 credits

23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

(Offered if demand warrants)

Three hours per week

3 credits

25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—Same as Education 25b.

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

3 credits

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Mathematics 30a

Three hours per week

41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Mathematics 11a and 12b. Fee, \$2.00

Three hours per week

3 credits

42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, MRS. FETTER, AND MR. HERR

The student who majors in music may work out a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance. (See Music under Majors for A.B. in Liberal Arts—page 15.)

- (a) The student concentrating in Music History and Theory is required to take Music History and Appreciation (4 credits), Music Fundamentals (4 credits), Harmony (4 credits), Applied Music (4 credits) and Ensemble (2 credits).
- (b) The student concentrating in Church Music is required to take Church Music (4 credits), Music Fundamentals (4 credits), Music History and Appreciation (4 credits), and Vocal Ensemble (2 credits).
- (c) The student concentrating in Musical Performance is required to take Applied Music (8 credits, 4 of which shall be in the same branch), Music Fundamentals (4 credits), Harmony (4 credits), Ensemble (2 credits), and to present a satisfactory recital in one or more branches of applied music in the senior year.

Students other than those majoring in music may elect 20 semester hours of credit in music toward the A.B. degree. If credit in excess of 2 semester hours is desired for Applied Music, this credit shall be accompanied by an equal number of semester hours in Theory, History and Appreciation, or Church Music. A maximum of 8 semester hours in Ensemble music may be applied towards the A.B. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a selection such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the following pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

A. Theory of Music

13a-b Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester, scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semesters of 13ab, Music Fundamentals

Two hours per week Offered 1953-1954

4 credits

Teaching of Public School Music—(See Education 230).

B. History and Appreciation of Music

32ab History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week Offered 1953-1954

4 credits

C. Church Music

42ab Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult

voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week Offered 1954-1955

4 eredits

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range, quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 eredit

E. Ensemble

(No tuition charge. No credit unless attendance is satisfactory, and unless participation extends over the entire school year.)

A Cappella Choir

Three hours per week (two rehearsals)

2 eredits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 eredit

Chapel Choir

Rehearsals by special appointment

No eredit

(Personnel changes several times during the year.)

Philosophy

Professor Schlosser

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 eredits

41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Psycholoy

PROFESSORS BUCHER AND KILHEFNER

10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people.

Two hours per week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week. Laboratory fee, \$3.00

3 eredits

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 eredits

36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Three hours per week

3 eredits

Social Psychology—See Sociology 20a.

Educational Psychology—See Education 30a.

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week

3 credits

Offered 1953-1954

Physical Education and Health

MR. HERR AND MR. DODD

10ab Physical Education—This course aims to promote proper habits in the care of the body. Required of freshmen.

Two hours per week

2 credits

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week 2 credits

22ab Hygiene—The first semester is devoted to the study of personal and school hygiene as related to the problem of the schoolchild. During the second semester the problems of community hygiene, and the place of nutrition in a school and community hygiene program are studied.

Two hours per week

4 credits

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Associate Professor Heilman

10b Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meteorology, Geology, Chemistry, and Physics using experiments for illustration.

Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00

Three hours per week

3 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b

Laboratory fee, \$7.50 per semester

Three hours recitation and two hours laboratory per week

8 credits

Sociology

Professor Kilhefner

10a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite of all other sociology courses.

Three hours per week

3 credits

20a Social Psychology-This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

Prerequisite: 10a or 21b Offered 1954-1955

21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per week

3 credits

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week

3 credits

Prerequisite: 10a or 21b

Offered 1953-1954

32b Urban Sociology—The present basic social patterns which have emanated from modern urban culture are traced and analyzed. 3 credits Three hours per week

40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Offered 1953-1954

41a Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week Prerequisite: 20a 3 credits

Offered 1953-1954

42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week Offered 1954-1955

3 credits

43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week

3 credits

Prerequisite: 10a or 21b

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas, and Easter vacations. This fee amounts to \$850.00.

Day Students

The expenses for a student attending College from his own home are \$450.00.

Payment of Bills

*The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Student s
At the opening of College	\$212.50	\$112.50
On or before December 1	212.50	112.50
On or before February 1	212.50	112.50
On or before April 1	212.50	112.50

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken outside of the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

The tuition charge for less than 10 and more than 17 hours per week is \$12.50 per semester hour when students take work with regular classes. Whenever choir, glee club, and orchestra increases the student's number of semester hours beyond the maximum number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

^{*} This charge does not include the accident insurance premium required of all students. See page 83.

A charge of \$5.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Credits for advanced standing. For examinations not taken on regularly scheduled dates, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$8.75 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$15.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance from date of enrollment	Per Cent of Quarter's Charge
Less than 2 weeks	
Between 2 and 4 weeks	·
Between 4 and 6 weeks	. 75%
Between 6 and 8 weeks	. 100%

General Expense Information

The cost of one lesson per week in piano, voice or organ is \$24.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

Upon graduation, or if a student leaves the institution before graduation, he is entitled to one transcript of his academic credit. A fee of \$1.00 is charged for each additional transcript.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A room reservation fee of \$5.00 is required of all applicants desiring rooms. A registration fee of \$10.00 is required of all applicants for admission. These fees are credited to the student's account. They are not refunded in case of cancellation of application. However, they may be transferred to apply to a later year. Rooms are reserved for the college year. Students are expected not to change residence during the year for any reason except withdrawal from college.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The amount of this scholarship ranges from \$400.00 to \$600.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

One such scholarship is given annually to each graduating class on the basis of one for each 25 students or fraction thereof. The scholarship is awarded to the first eligible student who enrolls and files a written application.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers a limited number of scholarships to ministers and missionaries and their children.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00. Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their expenses. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Treasurer of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$10 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency (120 wpm). Students completing the two-year course in Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Secretarial Science are eligible.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Treasurer.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge. Only single size bed sheets will be accepted by the laundry.*

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safeguard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in

^{*}The College reserves the right to discontinue all laundry service upon two weeks' notice.

competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$10 for men and \$5 for women per college year. It is compulsory on the part of all students to carry this insurance.

Intramural Program

Intramural sports are an important part of the activities program. All students not on varsity teams are urged to participate in the intramural program. Sports on the program are basketball, baseball, tennis, touch football, soccer, volleyball, soft ball, table tennis, badminton, and track. Tournaments are held in various sports during the year.

Intercollegiate Program

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athletic Conference and of the National Association of Intercollegiate Basketball.

Women have intercollegiate competition in basketball, field hockey, and tennis.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are *ipso facto* members of the Student Association

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students (two from each dormitory) and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Comerciantes

This is an organization of students enrolled in the Commercial, Business Administration or Secretarial courses. Its purposes are to promote interest in the business world and in the study of Commercial subjects; to encourage a social spirit by offering opportunities for wholesome social contact; and to become familiar with modern progressive business methods and systems, endeavoring by such means to raise and maintain a higher standard of training for business.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are

selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etovenian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and alumni.

Musical Activities

The personnel of the A Cappella Choir is chosen from the college student section of the College Chorus, and consists of thirty-two to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the A Cappella Choir takes frequent trips, giving concerts in Brethren churches of Pennsylvania.

The College Chorus is a larger organization, which presents a great oratorio at some time in the spring of each year. The oratorio is presented in the college auditorium, with guest soloists and local soloists. The membership of the Chorus includes singers from the vicinity and from the church choirs of Elizabethtown, as well as college students.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the A Cappella Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and frequently appear publicly in churches, high schools, and other places.

The Chapel Choir is a select ensemble of eight to ten mixed voices; they rehearse at times convenient to the group, and contribute to the worship in chapel services by singing anthems and responses. The personnel of the Chapel Choir changes several times during the year, in order to provide more of this type of musical experience for more students.

Buildings and Grounds

Elizabethtown College, ideally situated on an attractive campus of some fifty acres, provides baseball diamonds, a soccer field, a hockey field, all-weather tennis courts, and a large lake. These adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and a women's day student room.

Rider Memorial Hall

During January, 1905, the trustees planned the erection of a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906, as Memorial Hall. On the first floor are located the college Store and a recreation room. Faculty offices, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third college building was dedicated. This is a three-story brick building. The first floor contains an infirmary, a guest room, three apartments equipped with modern conveniences and adapted to small families. The second and third floors are used as women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In 1928 the College took steps to raise a fund for an auditoriumgymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious auditorium-gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Offices and storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$16,000 has been contributed by alumni and friends of the College.

Dwellings

Eight dwellings are located on the campus and furnish residence for members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Several years ago the Alumni Association conceived the idea of beautifying the College campus. This finally led to the purchase of an adjoining tract of land containing a stream of pure running water. At once the student body built a long concrete wall across a ravine and thus formed a lake of over three acres on the campus near the baseball field. Lake Placida offers opportunity for ice skating. With trees and shrubbery planted around the shore, the lake is a real beauty spot frequently sought for vesper services.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1952-1953

President, Wilbur Cassel, '29	
Harrisburg	

President, Earl S. Kipp, '28	Newport.	Pa.
Vice-President, Supera (Martz) Boone, '22 Loganton,		
Secretary-Treasurer, Eleanor Gingrich, '48Oakla	ind Mills,	Pa.

Lancaster

President, John G. Hershey, '16Lititz,	Pa.
Vice-President, HARRY K. GERLACH, '33Quarryville,	Pa.
Secretary, Grace Ober Grubb, '24 Elizabethtown,	Pa.
Treasurer, Clifford Huffman, '47Lancaster,	Pa.

Lebanon Valley

President, HIRAM GROFF, '33	Pa.
Vice-President, Anna Carper, '41	Pa.
Secretary-Treasurer, AMY Breidenstine Sterner, X-'34 Myerstown,	Pa.

Philadelphia

President, JAY ESHELMAN, X-'32	Philadelphia, Pa.
Vice-President, JOHN SPEIDEL, '41	Wilmington, Del.
Secretary-Treasurer, MARY HESS	Fridy, X-'37Cynwyd, Pa.

York

President, Wilbur Cassel, '29			
Chicago-Elgin			
President, Robert Hess, '50			
The Alumni Council			
President, Wilbur Cassel, '29 York Springs, Pa. Vice-President, Emory Stouffer, '41 Middletown, Pa. Secretary, Laura Frantz Pfautz, '21 Elizabethtown, Pa. Treasurer, J. W. Kettering, '23 Elizabethtown, Pa. Executive Secretary, Eby C. Espenshade, '35 Elizabethtown, Pa. Beatrice M. Myers, '40 Hanover, Pa. Hiram J. Frysinger, '29 Harrisburg, Pa. Anna K. Miller, '27 Lititz, Pa. Jesse D. Reber, '32 Harrisburg, Pa. Olive K. Jamison, '34 McAlisterville, Pa. James S. Linton, '38 Sharon Hill, Pa. Martha Bucher, '42 Quarryville, Pa. David J. Markey, '47 Carlisle, Pa. Leah Musser Zuck, '37 Elizabethtown, Pa. Edgar T. Bitting, '50 Wormleysburg, Pa.			

Commencement

Monday, May 26, 1952

Address: ALTHEA KRATZ HOTTEL, PH.D.

Dean of Women and Lecturer in Sociology

University of Pennsylvania

Honorary Degrees

CLIFFORD J. BACKSTRAND, Doctor of Laws
ALTHEA KRATZ HOTTEL, Doctor of Laws

Degrees in Course

Bachelor of Arts

LEONA IZETTA BISHOP	Elizabethtown, Pa.
EDWARD E. BRUNNER	Enhaut, Pa.
JOHN KARL BRUNNER	
Paul Russed Davis, Jr	
Peggy L. Eberly	Elizabethtown, Pa.
PEGGY L. EBERLY* *JACK HERBERT FICHTER	Merchantville, Pa.
Kenneth E. Graham	York, Pa.
JAMES WILMER HEISEY	
JACK HERR	
BEN BUCKWALTER HESS	
DANIEL A. HOOPERT	
CARL BESHORE KAUFMAN	New Cumberland, Pa.
THOMAS G. KAY	Middletown, Pa.
*Leanna Faye Koontz	Clearville, Pa.
JAMES E. LEBER	Elizabethtown, Pa.
CELIA ANN MILLER	
DAVID IRVIN MYERS	
Donald Clair Ream	
ISRAEL E. T. ROYER	
J. Albert Seldomridge	Lancaster, Pa.
BURTON ROBERT SHELLHAMMER	Steelton, Pa.
CHARLES WILLIAM YOHE	
C. Gilbert Young	
	,

^{*} Candidates for degree at end of Summer Session.

Bachelor of Science in Science

Bachelor of Science in Science
WILLIAM EUGENE ANDERSON Carlisle, Pa. JOHN KUHNS KREIDER Mount Joy, Pa. JAMES E. OBETZ Lancaster, Pa. DONALD COLSTON REID Middletown, Pa.
Bachelor of Science in Business Administration
JOHN H. BENDER Harrisburg, Pa. JOHN R. CONSLEY York, Pa. MICHAEL F. DONNELLY, JR. Lancaster, Pa. RICHARD C. FARLEY Harrisburg, Pa. JAMES LEWIS GROSS Dauphin, Pa. *HENRY WILLIAM KERCHNER Lincoln, Pa. THOMAS RICHARD KINGREE Smoketown, Pa. RICHARD ELWOOD MARTIN Mount Joy, Pa. KURT MATERNA Nuremberg, Germany JAMES SNYDER MEMINGER Lancaster, Pa. WILLIAM EDWARD SCHNEIDER Ventor, N. J. J. EDWARD SMITH Ephrata, Pa.
Bachelor of Science in Business Education
Anthony A. Bruscia Hershey, Pa. Donald Elmer Campbell Elizabethtown, Pa. Doris Elaine Kopp York New Salem, Pa. *Ruth Shaw Kulpon Stewartstown, Pa. David D. Milne, Jr. York, Pa.
Bachelor of Science in Secondary Education
TRYON L. BENNER
Bachelor of Science in Elementary Education
Louise Bartenslager New Freedom, Pa. Mary C. Graybill Bennetch Lebanon, Pa. *June H. Daniels Palmyra, Pa. June Hostetter Engle Grantham, Pa. *Marion Lorraine Forney Hershey, Pa. Bernice G. Gibble Myerstown, Pa. Richard D. Good Elizabethtown, Pa. Richard James Goss Lewistown, Pa. Dorothy B. Gottshall Lebanon, Pa. Christine Hewett Heilman Elizabethtown, Pa. Grace Louise Keeny New Freedom, Pa. Mary Jean Miller Jonestown, Pa. Wilbur Lavere Robertson York, Pa.

^{*} Candidates for degree at end of Summer Session.

Candidates for Certificates

Medical Secretarial Science

BARBARA DELSON	Pa.
JOAN MARIE GROFFLititz,	Pa.
MARY B. HORST	Pa.
MARIAN ARLENE MILLER	Pa.
JEAN LOUISE ROLAND Elizabethtown,	Pa.
JANE B. WALLER	Pa.
SHIRLEY J. YOUNG	Pa.

Secretarial Science

THELMA L.	Neidlinger	Pine Grove,	Pa.
MARIAN R.	Newcomer	Salunga,	Pa.

Laboratory Technology

MARIANE S. BEANE	adise, Pa.
BARBARA ANNE BRENNERLanca	
C. Phyllis Longenecker	
MARY ALICE WEICKSEL	tiana, Pa.

Register of Students

1952-1953

Seniors

Men

AULT, RICHARDB.S.	Liberal Arts Wheatland Hills, Lancaster, Pa. Ele. Education 806 Pennsylvania Ave., York, Pa. Bus. Admin 215 N. Catherine St., Middletown, Pa.
Belser, Julius	Ele. Education. 256 Market St., Elizabethtown, Pa. Liberal Arts R. D. 3, Elizabethtown, Pa. Sec. Education. 2436 Elm St., Penbrook, Pa. Bus. Admin Lebanon Road, R. D. 3, Elizabethtown, Pa.
EMIG, WALTONA.B. ENDERS, LARRYB.S.	Sec. Education. McClure, Pa. Bus. Admin
GRILL, STANLEY A.B. HAMME, GLENN B.S. HERR, J. ROBERT A.B. HESS, FRANK B.S.	Liberal Arts R. D. 3, Manheim, Pa. Liberal Arts R. D. 1, Christiana, Pa. Science Spring Grove, Pa. Liberal Arts Salunga, Pa. Ele. Education. R. D. 4, Lititz, Pa. Liberal Arts 624 So. Hanover St., Elizabethtown,
KLINE, NELSON B.S. KUCLE, JOHN B.S. KUNKEL, ELMER B.S. MALMBORG, FREDRIK A.B. MCKEAN, W. EUGENE B.S. MILLER, ROBERT B.S. MOWRER, HAROLD A.B. MOYER, WALTON A.B. NEWCOMER, DAVID B.S. RITTER, LESTER A.B.	Bus. Admin
RUOSS, THOMAS B.S. SHAAK, EARL B.S. SHAFER, S. DAVID B.S. SHAVER, DAVID B.S. SHENK, ELLIS B.S. SHERTZER, LEONARD A.B. SHUPP, RICHARD B.S. SNADER, NEVIN B.S. TABBUTT, EUGENE B.S. WHITACRE, ALAN A.B ZIEGLER, CARLOS A.B	Bus. Admin137 W. Granada Ave., Hershey, Pa. Bus. Admin218 Elm Ave., Hershey, Pa. Bus. Education. 154 Maple Ave., Hershey, Pa. ScienceR. D. 1, Myerstown, Pa. Liberal ArtsR. D. 1, Hummelstown, Pa. Sec. Education. 1212 W. Main St., Palmyra, Pa.

w onen
Allison, Mrs. Harriet B.S. Ele. Education 344 E. Park St., Elizabethtown, Pa.
BARTRAM, DORIS ANNA.B. Liberal Arts R. D. 1, Harrisburg, Pa.
Benfield, ArdenB.S. Ele. Education. R. D., Royersford, Pa.
BOONE, LAURA MAEB.S. Ele. Education. Loganton, Pa.
BOWMAN, JOSEPHINEB.S. Ele. Education 635 Maple St., Lebanon, Pa.
CROMAN, JANICEB.S. Ele. Education Elmira St., Troy, Pa.
Kratz, PhyllisA.B. Liberal Arts R. D. 1, Elverson, Pa.
LUTZ, MARTHA JANEB.S. Ele. Education 250 W. Bainbridge St., Elizabeth-
town, Pa.
McGurk, Mrs. Gladys B.S. Bus. Admin R. D. 9, York, Pa.
Musselman, LucyB.S. Ele. Education. Vernfield, Pa.
OXENFORD, DOROTHYB.S. Ele. Education 2612 Catherine St., Harrisburg, Pa.
SAYLOR, PHYLLISB.S. Bus. Education. R. D. 1, Red Lion, Pa.
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SELDOMRIDGE, NANCYA.B.	Liberal Arts 1123 E. King St., Laneaster, Pa.
SHEAFFER, NANCYA.B.	Liberal Arts 407 Liberty St., Chambersburg, Pa.
WALZL, MARY MARGARET A.B.	Liberal Arts710 E. King St., Laneaster, Pa.
WARNER, SHIRLEYB.S.	Ele. Education 619 W. High St., Hummelstown, Pa.
Wenger, GeraldineB.S.	Seienee Box 110, Mechaniesburg, Pa.
ZIEGLER, MRS. ELSIEB.S.	Ele. Education. 312 College Ave., Elizabethtown, Pa.

Juniors

Men

Albright, Robert B.S. Science Talmage, Pa. BASHORE, PAUL A.B. Liberal Arts R. D. 1, Jonestown, Pa. BOWERS, NORMAN A.B. Liberal Arts Laudisville, Pa. BURDETT, ARTHUR A.B. Liberal Arts 357 W. End Avc., Elizabetb, N. J. COSGROVE, JOHN B.S. Bus. Admin. Rheems, Pa. FORNEY, GLENN B.S. Bus. Admin. Florin, Pa. FREY, JAY B.S. Bus. Admin. 1035 S. Market St., Elizabethtown, Pa.
FROST, GEORGEA.B. Liberal Arts321 Manheim St., Pbiladelpbia 44,
GOODMAN, RONALD B.S. Bus, Admin. 570 W. Chocolate Ave., Hershey, Pa. GREINER, PAUL A.B. Liberal Arts 40 W. Bainbridge St., Elizabetbtown, Pa.
HAAS, DONALD B.S. Bus. Admin. 318 W. Fourth St., W. Fairview, Pa. HOOVER, DAVID B.S. See. Education. Lineboro, Md. HOWELL, HENRY A.B. Liberal Arts R. D. 1, Elizabethtown, Pa. KANDFF, GEORGE B.S. Seicnee 504 East High St., Elizabethtown, Pa. KLOCK, JAMES B.S. Bus. Admin. Herndon, Pa. MALINOWSKI, L. WILLIAM B.S. Science 1501 Mt. Ephraim Ave., Camden,
McConkey, FrancisB.S. Ele. Education. Trailer Villa, R. D. 3, Elizabethtown, Pa.
McElroy, Richard B.S. Bus. Admin. 729 N. Shippen St., Laneaster, Pa. Meyers, William B.S. Bus. Admin. New Freedom, Pa. Miller, Leroy A.B. Liberal Arts R. D. 1, Lebanon, Pa. Murphy, Ronald B.S. Science 441 Hale St., Harrisburg, Pa. Price, Royden A.B. Liberal Arts Vernfield, Pa. Seman, William B.S. Bus. Admin. 80 Gibson Terr., Connellsville, Pa. Smith, G. Duane A.B. Liberal Arts R. D. 1, Trafford, Pa. Thomas, Sherwood A.B. Liberal Arts Neweastle, Pa. Wechter, Paul B.S. Bus. Admin. Lincoln, Pa. Wechter, Paul B.S. Bus. Admin. Lincoln, Pa. Whitacre, Daniel A.B. Liberal Arts 435 College Ave., Elizabetbtown, Pa. Wilson, David B.S. Sec. Education R. D. 1, Meehaniesburg, Pa. Wilson, Harold B.S. Science 325 E. Main St., Lititz, Pa. Witte, Kenneth A.B. Liberal Arts 309 S. Market St., Elizabethtown, Pa.

BECK, MARY ANN A.B. Liberal Arts Hagerstown, Md. BENDER, JULIA B.S. Ele. Education 437 Maple St., Lebanon, Pa. BISHOP, FRANCES B.S. Bus. Admin. 102 Main St., Oberlin, Pa. BOYER, MARY JANE A.B. Liberal Arts 36 College Ave., Annville, Pa. BURKHART, JEAN B.S. Ele. Education. 1944 Derry St., Harrisburg, Pa. CROUTHAMEL, GLORIA A.B. Liberal Arts Souderton, Pa. DIEHL, SHIRLEY B.S. Ele. Education. R. D. 1, Schnecksville, Pa. FINDLEY, ZONA MAE B.S. Lab. Tech. First St., Cairnbrook, Pa. HEISE, EILEEN A.B. Liberal Arts Hamlin, Kansas HOFFER, MARY JANE B.S. See. Education. Mt. Joy, Pa. HOLLOWAY, MILDRED B.S. Bus. Admin. Piney Woods School, Piney Woods, Miss.
JOHNSON, SALLIE MAEB.S. See. Science Piney Woods School, Piney Woods,
Miss.
LANDIS, DOLORESB.S. Bus. Education. 1908 Virginia Ave., Hagerstown, Md.
LANDIS, ELIZABETHB.S. Bus. Education 1908 Virginia Ave., Hagerstown, Md.
LEHMAN, JANICEB.S. Ele. Education. Railroad St., Lawn, Pa.
MEYER, MARIANB.S. Ele. Education R. D. 2, Lebanon, Pa.
MOORE, JOYCEB.S. Lab. Tech Paradise, Pa.
MOYER, CATHARINEB.S. Bus. Education 313 N. Queen St., York, Pa.
ROLAND, JEANB.S. Ele. Education. 605 S. Spruce St., Elizabethtown, Pa.
SAYLOR, Mrs. BettyB.S. Science E. Petersburg, Pa.
SHEARER, A. DOROTHYB.S. Ele. Education R. D. 1, Elizabethtown, Pa.
STEHMAN, LORRAINEB.S. Ele. Education 48 E. Second St., Lititz, Pa.
STUCKEY, NANCY B.S. Ele. Education R. D. 2, Elizabethtown, Pa.
Young, ShirleyB.S. Bus. Education. McClure, Pa.

Sophomores

Men

ADAIR, LARRYB.S.	Bus. Admin 409 9th St., New Cumberland, Pa.
ALBRIGHT, J. DONALDB.S.	Science Talmage, Pa.
BEASTON, WILLIAMB.S.	Bus. Education. 40 Detwiler Ave., Mt. Joy, Pa.
	ScienceBox 56, E. Petersburg, Pa.
BOWMAN, ALLENB.S.	Sec. Education. 132 N. Chestnut St., Palmyra, Pa.
CHARMAN LARRY RS	Bus. Admin 203 Park St., Elizahethtown, Pa.
CHITTUM NELSON B.S.	Bus. Admin 133 N. Hanover St., Elizahethtown,
	Pa.
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HOFFMAN, PAUL B.S. Bus. Admin. 627 N. Market St., W. Pa. HOOVER, JAMES B.S. Bus. Admin. 56 Jury St., Highspire, JURELL, RICHARD B.S. Bus. Admin. R. D. 2, Lititz, Pa. KEENEY, ORWIN B.S. Ele. Education R. D. 1, Myerstown, Pa. Leonard, Merril B.S. Science McAlisterville, Pa. Longernecker, Melvin B.S. Bus. Admin. 117 Oak St., Progress, May Richard B.S. Bus. Education 231 Front St., Elizabeth Messner, Jacob B.S. Science Rothsville, Pa. Moyer, Ralph A.B. Liberal Arts R. D. 2, Telford, Pa. Moyer, Ralph A.B. Liberal Arts R. D. 2, Telford, Pa. Shank, Edward B.S. Sce. Education 51 Park St., Elizabeth Sherk, Robert B.S. Science 24 N. 31st St., Harrish Stine, Richard B.S. Bus. Admin. 40 W. Broadway, Red Stoker, John B.S. Bus. Admin. 40 W. Broadway, Red Stoker, John B.S. Bus. Admin. 429 Hummel Ave., Lem Trimmer, P. Tyler B.S. Science Masonic Homes, Elizabe Walmer, Kenneth B.S. Science Groff Ave., Elizabethtow Weaver, James B.S. Bus. Admin. 454 N. Market St., Elizal Wencer, Harold B.S. Ele. Education R. D. 1, Quarryville, P. Wetzel, Bruce A.B. Liberal Arts 1215 Race St., Ashland Woelf, John B.S. Bus. Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Line Admin. 1952 Swatara St., Harrish Wolf, Joh	Villiamstown, Pa. a. Pa. htown, Pa. own, Pa. urg, Pa. Lion, Pa. oyne, Pa. ethtown, Pa. thown, Pa. a. pethtown, Pa.
HOFFMAN, PAUL B.S. Bus. Admin. 627 N. Market St., W. Pa. HOOVER, JAMES B.S. Bus. Admin. 56 Jury St., Highspire, JURELL, RICHARD B.S. Bus. Admin. R. D. 2, Lititz, Pa. KEENEY, ORWIN B.S. Ele. Education R. D. 1, Myerstown, Pa. Leonard, Merril B.S. Science McAlisterville, Pa. LONGERNECKER, MELVIN B.S. Bus. Admin. 117 Oak St., Progress, May, RICHARD B.S. Bus. Education 2311 Front St., Elizabeth Messner, Jacob B.S. Science Rothsville, Pa. Moyer, Ralph A.B. Liberal Arts R. D. 2, Telford, Pa. Shank, Edward B.S. Science Rothsville, Pa. Moyer, Ralph A.B. Liberal Arts R. D. 2, Telford, Pa. Shank, Edward B.S. Science Education 51 Park St., Elizabeth Sherk, Robert B.S. Bus. Admin. R. D. 2, Mt. Joy, Pa. Smith, Bruce B.S. Science 24 N. 31st St., Harrisby Stine, Richard B.S. Bus. Admin. 829 Hummel Ave, Lem Trimmer, P. Tyler B.S. Science Masonic Homes, Elizabeth Valmer, Kenneth B.S. Science Groff Ave., Elizabethtow Weaver, James B.S. Bus. Admin. 454 N. Market St., Elizabeth Weaver, James B.S. Bus. Admin. 454 N. Market St., Elizabeth Weaver, Harold B.S. Ele. Education R. D. 1, Quarryville, P. Wetzelt, Bruce A.B. Liberal Arts. 1215 Race St. Ashland, Woelff, John B.S. Bus. Admin. 1952 Swatara St., Harri Wolf, John B.S. Bus. Admin. 337 Hazel St., Lancaste Wolfemuth, Carl B.S. Science Bareville, Pa.	Villiamstown, Pa. a. Pa. htown, Pa. own, Pa. urg, Pa. Lion, Pa. oyne, Pa. ethtown, Pa. thown, Pa. a. pethtown, Pa.
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ALEXANDER, RUTH Secretarial501 Ruby St., Lancaster, Pa.
BAUGHER, LUCY
Bell, Evelyn
BERRY, CAROLA.B. Liberal Arts 127 1/2 High St., Manheim, Pa.
BORTNER, GLORIA ANNB.S. Ele. Education. Lineboro, Pa.
Bratton, BerniceLab. TechMillerstown, Pa.
BRUBAKER, NANCY JANE B.S. Ele. Education 237 S. Cedar St., Lititz, Pa.
DILLING, MARYB.S. Lab. Tech 121 N. Spring St., Everett, Pa.
DUPPSTADT, LOISB.S. Lab. Tech Staystown, Pa.
EARHART, JANET Secretarial R. D. 2, Elizabethtown, Pa.
EVANS, JANET
GEYER, JEANB.S. Ele. Education. R. D. 1, Middletown, Pa.
GISH, KATHRYN Secretarial330 S. Market St., Elizabethtown, Pa.
Good, Audra Secretarial 36 N. Poplar St., Elizabethtown, Pa.
HACKMAN, ELAINEB.S. Ele. Education, R. D. 2, Manheim, Pa.
HUNSBERGER, JANET Medical Secretary 668 Walnut St., Royersford, Pa.
JUNKIN, SHIRLEY ANNB.S. Lab. Tech728 Bosler Ave., Lemoyne, Pa.
KEIM, CAROLB.S. Ele. Education Ludlowville, N. Y.
King, Lois Secretarial
Pa.
KINNEY, MARIEB.S. Ele. Education High Bridge, N. J.

KIPP, FRANCES B.S. Ele. Education Newport, Pa. KLINE, LORETTA B.S. Sec. Education McClure, Pa. KLINE, RUTH B.S. Bus. Education Blairs Mills, Pa. KNEPPER, SARAH B.S. Ele. Education R. D. 2, Berlin, Pa. KNEPPER, SARAH B.S. Ele. Education Gold Humperford, Pa. LAUER, RUTH B.S. Bus. Admin. Hungerford, Pa. LAUER, RUTH B.S. Ele. Education Gold Humborne St., Cheverly, Md. LEHMAN, EVA JEAN Secretarial LEPPO, JOSEPHINE B.S. Ele. Education R. D. 2, Hanover, Pa. LONGENECKER, MARILYN B.S. Sec. Education R. D. 5, Lebanon, Pa. LOWE, GWENDOLYN B.S. Lab. Tech. Malmborg, Mona Secretarial R. D. 1, Manheim, Pa. MARTIN, JESSIE A.B. Liberal Arts Boiling Springs, Pa. MINNICH, PATRICIA A.B. Liberal Arts Boiling Springs, Pa. MINNICH, PATRICIA A.B. Liberal Arts Boiling Springs, Pa. MYERS, SHIRLEY ANNE Medical Secretary R. D. 3, York, Pa. PROCTOR, ZOE B.S. Lab. Tech. New Hope, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal Arts 29 C. State St., Media, Pa. REAGAN, THELMA A.B. Liberal B.S. Ele. Education R. D. 1, Newville, Pa. SHELLER, VIVIAN B.S. Ele. Education R. D. 1, Newville, Pa. SHELLER, VIVIAN B.S. Ele. Education 18 S. Custer Ave., New Holland, Pa. WEICH, DORTS Medical Secretary 126 W. Evergreen, West Grove, Pa. WITTER, RUTH B.S. Bus. Education R. D. 2, Mechanicsburg, Pa. WITTER, RUTH B.S. Bus. Education R. D. 2, Mercersburg, Pa. WITTER, RUTH B.S. Bus. Education R. D. 2, Mercersburg, Pa.
WOODWARD, EDNA Secretarial West Chester R., Coatesville, Pa. Zug, Rita

Special Students

ADJAN, GEORGE
ALWINE, PAUL
Breneman, George
CHARLES, Mrs. Anna Ruth East Petersburg, Pa.
GARNS, LARRY
GREENLEAF, RICHARD
HOLLINGER, J. ROBERT
HORNBERGER, LEE
KRUPAR, ANDREW
KRUPAR, MRS. ELIZABETH
LEONARD, AMOS
MAGEE, RICHARD
Myers, Mrs. Ruth
RAHN, WILSON
ROBBINS, CHARLES F
Schober, Mrs. Alice40 E. Cherry St., Palmyra, Pa.
SHAFFNER, ANNA M
SMITH, LLOYD
WILSON, EUGENE
WINTERS, Mrs. Esther45 S. Market St., Elizabethtown, Pa.
ZIVANOVICH, STANLEY

Part-time Students-1952-1953

BEAVER, EDWIN
BERKHEIMER, DALE
BERNHARD, HOWARD
BRANDT, LUKE
Brown, Nancy Joanne
DANIELS, MRS. JUNE
EBERSOLE, RALPH Z
ELLENBERGER, J. VERNAL
GARMAN, SCOTT
GOOD, HAROLD
GRIM, RICHARD R
GRIM, JOHN V
GRIMM, ELWOOD S
HAINES, MRS. ELSIE
HESS, ROBERT O
JENKINS, JESSE
JULIUS, GLENN
J. 1, 2010., 2.1.

JUNKINS, BENTON C	R. D. 2. York. Pa.
KLEINER ALBERT	Florin, Pa.
KREIDER, HENRY L	R. D. 2. Mt. Iov. Pa.
LEHMAN, MURRAY	R D 2 Vork Pa
Loser, Mrs. Ruth	Innectown Pa
Ludwie, George	D D 2 Fligsbothtown Do
Lyone Western T	Maniette Danet Maniette De
Lyons, William J.	Marietta Depot, Marietta, Pa.
MARTIN, A. EUGENE	lerre mii, Pa.
MECKLEY, CAROLE	R. D. 2, Elizabethtown, Pa.
MILLER, JOHN D	R. D. 8, York, Pa.
MORGANTHALL, ELIZABETH P	415 Elm Court, Middletown, Pa.
RABER, ELWOOD	
REIGLE, ADA	
RHEN, MRS. SADIE	R. D. 2 Innestown Pa.
RIDER, MRS. HELEN K	. M R Middletown Pa
SHELLY, ELWOOD	R D 2 Enhrata Pa
	419 Columbia Ave., Mount Joy, Pa.
SHUMAN, JOHN	
SMITH, ARCHIE F	3 Center Lane, Middletown, Pa.
	146 N. Grant St., Manheim, Pa.
West, Ruth M	16 Roon St., Highspire, Pa.
ZELLER, JOHN E	

Lebanon Valley-Elizabethtown College Extension Center Harrisburg, Pennsylvania

1952-1953

Ault, Richard B
BRICKER, PAUL W
COLBERT, MRS. LILA
GRUM, ČECELIA M
EICHELBERGER, Mrs. MARYLewisberry, R. D., Pa.
FABER, ELMER WILLIAM
Harrisburg, Pa.
FABER, ELMA MAY
Harrisburg, Pa.
FOUNTAIN, JESSIE
GRADY, FLORENCE
GRIMM, MRS. PAULINE
MAURO, JEAN S
McKnight, Marcus A., Jr
MILLER, BLANCHE B Elizabethville, Pa.
OVERTON, WILLIAM M
Peterson, Nancy F
RAYSOR, NAOMI B
ROTH, MRS. HELEN FORD
ROE, JOANNE N
Seltzer, Martha L
SHADE, ADELAIDE E
SHADEL, E. MARION
SMITH, MARY STUART
SNORTLAND, MARTHA
STEVENS, AURELIUS B
Woland, Charles E
Young, Rev. HAROLD M

1952-Intersession

June 2 to June 21

Men

BRUBAKER, RICHARD Florin, Pa. BUNDY, GEORGE R. D. 1, Mt. Joy, Pa. COSGROVE, JOHN Rheems, Pa. DIEHL, CHARLES 228 Bridge St., New Cumberland, Pa. DRESCHER, JOHN R. D. 1, Mt. Joy, Pa. FICHTER, JACK 1057 S. LOCUST St., Elizabethtown, Pa. GREINER, PAUL 40 W. Bainbridge St., Elizabethtown, Pa. HOUCK, GEORGE Mt. Joy, Pa. KERCHNER, HENRY Lincoln, Pa. KUNKEL, ELMER East Berlin, Pa. LINK, CHARLES 36 S. Jardin St., Shenandoah, Pa.
LINK, CHARLES

McConkey, Francis	R. D. 3, Elizabethtown, Pa.
McKean, Wilbur	3472 S. Stafford St., Arlington, Va.
MILLER, HUGH	
PATRICK, MELVIN	
PETERS, WILLIAM	R. D. 1, Gardners, Pa.
PFAUTZ, RICHARD	
RAFFENSPERGER, PAUL	
RITTER, LESTER	
Ruoss, Thomas	
SCHOTT, CLIFFORD	
SEAGRIST, REU	
SHERK, MORRIS	R. D. 2, Mechanicsburg, Pa.
SHIELDS, MORRELL	
SHUPP, RICHARD	1212 W. Main St., Palmyra, Pa.
SIMS, JOSEPH	109 N. Jardin St., Shenandoah, Pa.
SNAVELY, DAVID	
THOMAS, SHERWOOD	

Women

ATHERTON, MRS. LILLIAN
BUCKWALTER, MIRIAM
DANIELS, MRS. JUNE
EYLER, MRS. MAUDE
GRIMM, Mrs. Pauline
KITZMILLER, MRS. ETHEL111 Lincoln Way East, New Oxford, Pa.
KOONTZ, FAYE
LEHMAN, JANICELawn, Pa.
PETERSON, MRS. NANCY
SCHENCK, Mrs. JEAN
Schober, Mrs. Alice
SHERK, Mrs. Janet
WEST, MRS. RUTH

1952-Summer Session

June 23 to August 2

Men

BAER, RUSSELL
Brown, Harry A., Jr243 S. 3rd Ave., Lebanon, Pa.
BUNDY, GEORGE E
Cosgrove, John R
Davis, George F
Drescher, John M Mt. Joy, Pa.
EARLY, WARREN L
FICHTER, JACK H 1057 S. Locust St., Elizabethtown, Pa.
GRAHAM, HARRY E
GREENLEAF, RICHARD A
GREINER, PAUL E
Heim, Allen H 104 N. Center Ave., Cleona, Pa.
Hess, Earl R Romney, W. Va.
KERCHNER, HENRY WLincoln, Pa.
LINK, CHARLES R
Long, Amos, Jr
LUDWIG, GEORGE K R. D. 3, Elizabethtown, Pa.
Magee, Richard J
McConkey, Francis L
McKean, Wilbur E
MILLER, HUGH M
PATRICK, M. EUGENE Box 30, R. D., Lancaster, Pa.
Peters, William K
Prokopchak, Joseph
RITTER, LESTER ROley, Pa.
Robbins, Charles F
SHERK, MORRIS N
SHERTZER, LEONARD E
SHIELDS, H. MORRELL
SHUPP, RICHARD B
Sims, Joseph J
THOMAS, W. SHERWOOD114 Maitland St., New Castle, Pa.
WILSON, DAVID C

Women

BARTRAM, DORIS A
Bennetch, Mary CR. No. 4, Lebanon, Pa.
Buckwalter, Miriam BR. No. 4, Lancaster, Pa.
Divisies I une U
DANIELS, JUNE H
Forey Margor I 22 Clar D. Harlow D.
FORNEY, MARION L
FUEHRER, PATRICIA L
GRAYBILL, RUTH S
GRIMM, PAULINE M
HAYES, MARY E. S
HELM, LARUE
HOOVER, MARY H
KOONTZ, FAYE
Kreider, Nancy J
LEHMAN, JANICE FLawn, Pa.
Loser, Ruth BJonestown, Pa.
LUTZ, PEARL M
MILLER, BLANCHE BElizabethville, Pa.
Peterson, Nancy F
RAYSOR, NAOMI
Reigle, Ada M
RHEN, SADIE B
RIDER, HELEN K
SCHENCK, JEAN R
Schober, Alice L
SHERK, JANET R

1952-Post Session

August 4 to August 23

Men

BAER, RUSSELL J	R. No. 2, Mt. Joy, Pa.
Brown, Harry, Jr	243 S. 3rd Ave., Lebanon, Pa.
BUNDY, GEORGE E	Mt. Iov. Pa.
COSGROVE, JOHN R	
EARLY, WARREN L	
FICHTER, JACK H	057 S. Locust St. Elizabethtown Pa
GRAHAM, HARRY E	13 Main St Annuille Pa
GREENLEAF, RICHARD A	45 F Main St., Mountville Pa
CREENLEAF, RICHARD A	O W Deinheiden Ct Flienhethtown De
GREINER, PAUL E4	04 N. Canton A. Classes De
Heim, Allen H	
HERR, J. ROBERT	
KEENEY, MARK R	
LINK, CHARLES R	6 S. Jardin St., Shenandoab, Pa.
Ludwig, George K	R. No. 3, Elizabethtown, Pa.
Magee, Richard J	24 Hamilton St., Easton, Pa.
McConkey, Francis L	R. No. 3, Elizabethtown, Pa.
McKean, Wilbur E	3472 S. Stafford St., Arlington, Va.
PASTUSZEK, MICHAEL T	2500 W. 9th St., Chester, Pa.
PETERS, WILLIAM K	
REED, PAUL E	
RITTER, LESTER R	Oley, Pa.
ROBBINS, CHARLES F., JR	839 Forster St., Harrisburg, Pa.
SHALONIS, BERNARD A	Marysville, Pa.
SHIELDS, H. MORRELL	Mt. Joy, Pa.
SHUPP, RICHARD B	212 W. Main St., Palmyra, Pa.
SIMS, TOSEPH I	09 N. Jardin St., Shenandoab, Pa.
SWANGER, ERNEST M	2011 Hill St., Lebanon, Pa.
THOMAS, W. SHERWOOD	14 Maitland St., New Castle, Pa.
WILSON, DAVID C	R. No. 1. Mechanicsburg, Pa.

BEASTON, VIOLETGrantville,	Pa.
BUCKWALTER, MIRIAM BR. No. 4,	Lancaster, Pa.
CROMAN. JANICE A Elmira St.,	Trov. Pa.
DANIELS MRS. JUNE H	coln St., Palmyra, Pa.

DODD, MRS. MARGARET H	.319 Lincoln St., Steelton, Pa.
FUEHRER, PATRICIA L	.347 W. Main St., Ephrata, Pa.
KEENEY, ANITA	. Bethel, Pa.
KOONTZ, L. FAYE	. Clearville, Pa.
LEHMAN, JANICE F	.Lawn, Pa.
MARTIN, LILY E	Elizabethtown, Pa.
McGurk, Gladys O	R. No. 9, York, Pa.

Summary

Number of Students, 1952-1953

	Men	Women	Total
Seniors	43	18	61
Juniors	30	24	54
Sophomores	36	23	59
Freshmen	47	51	98
Special Students	15	6	21
Part-time Students	29	10	39
Harrisburg Center Students	8	18	26
Intersession (1952)	29	14	43
Summer Session (1952)	33	30	63
Post Session (1952)	29	11	40
-			
Total		205	504
Names Repeated	55	35	90
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Grand Total	244	170	414

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DIRECTOR OF ADMISSIONS ELIZABETHTOWN COLLEGE	
LIZABETHTOWN, PENNSYLVANI	A
)ear Sir:	
I am interested in Elizabethtow	n College.
Send me an Applicati	on for Admission form.
Arrange an interview	for me on the campus.
Send me information	about honor scholarships.
VAME	
STREET	CITY & STATE
HIGH SCHOOL	
DIRECTOR OF ADMISSIONS	
ELIZABETHTOWN COLLEGE	
:LIZABETHTOWN, PENNSYLVANI	A
Dear Sir:	
I am interested in Elizabethtow	n College.
Send me an Applicati	on for Admission form.
Arrange an interview	for me on the campus.
Send me information	about honor scholarships.
NAME	
STREET	
	DATE OF GRADUATION
	DATE OF GRADUATION
DIRECTOR OF ADMISSIONS ELIZABETHTOWN COLLEGE	
ELIZABETHTOWN, PENNSYLVANI	Α
Dear Sir:	
am interested in Elizabethtow	n College.
	ion for Admission form.
	for me on the campus.
	about honor scholarships.
L .	
NAME	
STREET	CITY & STATE

PLACE STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

STAMP

PLACE

ELIZABETHTOWN COLLEGE
ELIZABETHTOWN, PENNSYLVANIA

OFFICE OF ADMISSIONS





LIZABETHTOWN COLLEGE BULLETIN

1954 1955

IZABETHTOWN

PENNSYLVANIA



CALENDAR=

1954

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Library Building

Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-fifth Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1953-1954

Announcement of Courses 1954-1955

Vol. XI.

January, 1954

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1954

Summer Sessions—1954

JUNE	7	Monday, 8:00 A. MIntersession Begins
JUNE	26	Saturday, NoonIntersession Ends
JUNE	28	Monday, 8:00 A. MSummer Session Begins
JULY	5	MondayIndependence Day (No classes)
August	7	Saturday, 12 NoonSummer Session Ends

Academic Year 1954-1955

September	13-14	Monday-TucsdayFreshman Orientation
SEPTEMBER	15	WednesdayUpperclassman Registration
September	16	Thursday
September	16	Thursday, 7:40 A. M
September	17	Friday, 9:30 A.MConvocation Exercises
OCTOBER	23	Saturday Home-Coming Day
November	13	SaturdayFounders' Day
November	24	Wednesday, 12 NoonThanksgiving Recess Begins
NOVEMBER	29	Monday, 12 Noon
DECEMBER	17	Friday, 12 Noon
January	3	Monday, 12 Noon
JANUARY	20	ThursdayFirst Semester Ends
January	21-24	Friday-MondayRegistration Second Semester
JANUARY	25	Tuesday, 7:40 A. M
APRIL	1	Friday, 12:00 NoonEaster Recess Begins-
APRIL	11	Monday, 12:00 Noon
May	14	Saturday
May	27	FridaySecond Semester Ends
MAY	28	SaturdayAlumni Day
May	29	SundayBaccalaureate Service
MAY	30	Monday, 10:00 A.MCommencement

1955

Summer Sessions-1955

June	6	Monday, 8:00 A.M	.Intersession Begins
JUNE	25	Saturday, 12:00 Noon	Intersession Ends
JUNE	27	Monday, 8:00 A. M	nmer Session Begins
JULY	4	MondayIndependence	Day (No Classes)
August	6	Saturday, 12:00 NoonSt	immer Session Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900 for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- a. That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- b. That a man can give his best only when he keeps his mind as the master of his body.

- c. That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- That life in college calls for hard work and firmness of purpose.
- e. That a college education is regarded not only as "preparation for life" but as life.
- f. That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic beverages is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

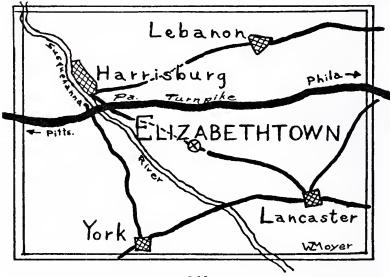
Location

Elizabethtown College is located in the southeastern section of Elizabethtown, Pennsylvania, midway between Lancaster and Harrisburg. The spacious campus borders upon the residential section of town on the north and west and reaches to the open fields on the east and south.

Elizabethtown, a borough in northwestern Lancaster County, has a population of 6,000. It is accessible by rail—on the main line of the Pennsylvania Railroad, by car—on Route 230 and 13 miles from the Harrisburg, East (Highspire) interchange of the Pennsylvania Turnpike, and by air—25 miles from the Harrisburg Airport. The borough is equidistant (approximately 18 miles) from three county seats: Lancaster, Lebanon, Harrisburg, and is 26 miles from York.

Elizabethtown is some 90 miles west of Philadelphia, 50 miles west of Reading, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college shares in the cultural life of its community. Many of its faculty members are leaders in community affairs, and students are welcomed in the many churches of the town.



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Trustees of Elizabethtown College

		Dinace Chice Will Cones	
Term Expires		Eastern Pennsylvania	
December		Lustern 1 ennsytvania	
1954 R 1954 N 1954 B 1955 S 1955 H 1955 C 1956 F	ufus P. Bucher, orman K. Musserkey Knavel . Clyde Weaver oward A. Merkarl W. Zeigler	, Chairman Quarryville, Pa. ser Columbia, Pa. Myerstown, Pa. East Petersburg, Pa. sey Manheim, Pa. Lebanon, Pa. Palmyra, Pa. Secretary Elizabethtown, Pa.	
	So	uthern Pennsylvania	
1955 W 1956 N	hester H. Royer 7. W. Leiter 7. S. Sellers, <i>Vi</i>	York, Pa. Greencastle, Pa. Lineboro, Md. York, Pa.	
	Nominate c	d by the Alumni Association	
1955 C	harles E. Weav yrus G. Bucher	er	
	Nominate	ed by the Board of Trustees	
1955 Pa 1955 Ja 1955 J. 1955 D 1956 Jo	. S. Wenger aul M. Grubb	Lancaster, Pa. Lancaster, Pa. Elizabethtown, Pa. Elizabethtown, Pa. West Englewood, N. J. Queens, N. Y. Fairview Village, Pa. York, Pa.	
A. C. Baugher, President, is an ex-officio member of the Board. K. Ezra Bucher is Treasurer of the Board of Trustees.			
The Board holds two regular meetings each year, the one during Commencement week, and the other on the second Saturday in October.			
	E_{\cdot}	xecutive Committee	
Rufus P.	Bucher J. S. Sellers	J. W. Kettering Howard A. Merkey Samuel S. Wenger	
	1	Finance Committee	
	K. Musser . S. Carper	K. Ezra Bucher J. W. Kettering John F. Sprenkel	
	Equipment Committee		
K. Ezra	Bucher acob K. Garman	S. CLYDE WEAVER PAUL M. GRUBB HORACE E. RAFFENSPERGER	

The Chairman of the Board is a member ex-officio of all committees. [7]

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College, 1938; Ed.M., Temple University, 1934; Ed.D., Temple University, 1937; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabethtown College, 1911; A.B., Ursinus College, 1911; A.M., Ursinus College, 1912; Litt.D., Ursinus College, 1932; Student, Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

O. F. Stambaugh

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., Pennsylvania State University, 1933; Ph.D., Pennsylvania State University, 1943.

Frederick C. Neumann

Professor of Languages

Ph.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music—Piano, 1919; Voice, 1920; Peabody, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M.Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

W. W. Peters

Professor of Sociology and Psychology

A.B., Manchester College, 1915; A.M., Ohio State University, 1922; Graduate Student, University of Illinois; LL.D., Manchester College, 1941.

ELMER B. HOOVER

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College, 1937; M.Ed., Pennsylvania State University, 1939; Graduate Student, Pennsylvania State University.

CARL E. HEILMAN

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University.

EPHRAIM GIBBLE MEYER

Reference Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, 1921; A.B., Elizabethtown College, 1924; Student, American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Diploma, Teacher of Public School Music, Columbia University, 1930; Graduate Student, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

ALBERT L. GRAY, JR.

Associate Professor of Business Education

B.S., Drexel Institute of Technology, 1939; M.B.A., Boston University, 1940; Graduate Student, University of Pennsylvania.

K. Ezra Bucher

Treasurer and Business Manager, Assistant Professor of Business Education B.S., Elizabethtown College, 1932; Student, Lebanon Valley College; M.S., New York University, 1936.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948.

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College, 1935; M.Ed., Pennsylvania State University, 1948; Graduate Student, Duke University.

BESSIE D. APGAR

Assistant Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvania, 1934.

WILHELM REUNING

Assistant Professor History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Graduate Student, University of Pennsylvania.

ROBERT A. BYERLY

Assistant Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

LOUISE K. KELLY

Assistant Professor of English

A.B., Skidmore College, 1936; M.A., Pennsylvania State University, 1938; Ph.D., Pennsylvania State University, 1951.

IRA R. HERR

Instructor in Physical Education and Director of Athletics

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

EMMA R. ENGLE

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

ELINOR EASTLACK

Instructor in Business Education

B.S., Pennsylvania State University, 1945; M.Ed., Pennsylvania State University, 1949.

EDGAR T. BITTING

Instructor in Business

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

D. PAUL GREENE

Dean of Men and Instructor in History and Physical Education A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

HUBERT M. CUSTER

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944.

KATHRYN HERR

Part-time Instructor in French

A.B., Lebanon Valley College, 1925; Graduate Student, French Institute of Pennsylvania State University and Temple University.

ELINOR B. NEUMANN

Part-time Instructor in German

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of Band and Orchestra

B.S. in Music, West Chester State Teachers' College, 1938.

CHARLES E. WEAVER

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

PHARES H. HERTZOG

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

THERESA FETTER

Part-time Instructor in Organ

B.M., Temple University, 1944; M.Mus., Philadelphia Musical Academy, 1946; Student, Westminster Choir College.

EVELYN HEATH

Part-time Instructor in Physical Education

B.S., West Chester State Teachers' College.

BERYL HAHN

Part-time Instructor in Art

B.S., Edinboro State Teachers' College, 1931.

HENRY F. GINGRICH

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S Treasurer and Business Manager
EBY C. ESPENSHADE, B.S., M.Ed Director of Admissions
VERA R. HACKMAN, A.B., A.M Dean of Women
D. Paul Greene, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M.
Director of Religious Activities
ALICE S. HEILMAN, B.S., BL.S Librarian
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M
ROBERT S. YOUNG
Jessie K. Cosner
GRACE ALLANDirector of Residence
Doris O. Lewis Secretary to the President
MILDRED D. HOLLOWAY Secretary to the Dean
Martha A. Farver Secretary to the Treasurer
RUTH MUMAW Secretary, Alumni Office
J. Robert HollingerBookkeeper
Ellen HowellStorekeeper
Grace Mutzabaugh, R.N
L. D. Rose, A.B., A.M Director, Brethren Historical Library

Faculty Committees

- 1. Administration—A. C. BAUGHER, H. G. BUCHER, K. E. BUCHER
- 2. Admissions—Eby C. Espenshade, Emma R. Engle, H. G. Bucher, Vera R. Hackman, D. Paul Greene
- 3. Curricula and Instruction—H. G. Bucher, Emma R. Engle, Charles S. Apgar, Robert A. Byerly, Albert L. Gray, Jr.
- 4. Counseling-H. G. Bucher, Vera R. Hackman, D. Paul Greene, EBY C. ESPENSHADE, W. W. PETERS
- 5. Religious Activities—Robert A. Byerly, A. C. Baugher, Nevin W. Fisher, Nevin H. Zuck
- 6. Social Activities—Vera R. Hackman, D. Paul Greene, Robert A. Byerly, Elinor Eastlack, Jessie K. Cosner, Grace Allan
- 7. Placement—Henry G. Bucher, O. F. Stambaugh, Eby C. Espen-SHADE, ELMER B. HOOVER, ALBERT L. GRAY, JR.
- 8. Publications—Administrative Committee, Alumni Secretary, Vera R. Hackman
- 9. Public Programs—Carl E. Heilman, K. Ezra Bucher, Nevin W. Fisher, Alice S. Heilman, Louise K. Kelly, Vera R. Hackman
- 10. Library—Alice S. Heilman, E. G. Meyer, Frederick C. Neumann, ELINOR EASTLICK
- 11. Athletics—K. EZRA BUCHER, IRA R. HERR, D. PAUL GREENE, O. F.
- Stambaugh, Eby C. Espenshade

 12. Health—O. F. Stambaugh, Ira R. Herr, K. Ezra Bucher, Charles E. Weaver, Dean of Men, Dean of Women, Student Nurse

Academic Regulations

Admission of Students

The Committee on Admissions and Personnel attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of sixteen Carnegie units of secondary school work.

The requirements for admission to the freshman class are:

English units	
History and Social Studies2 units Language2 units	Mathematics2 units

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions and Personnel, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Dean of the College for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Students must attain a grade of "C" or better in their major field during the first two years.

Majors for A.B. in Liberal Arts

English—English, eighteen to twenty-four hours exclusive of English Composition.

History and Political Science—History and Political Science, eighteen to twenty-four hours, exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours.

Bible and Philosophy—Eighteen to twenty-four hours.

Mathematics—Eighteen to twenty-four hours.

Sociology—Eighteen to twenty-four hours.

Music—A major of eighteen to twenty-four hours with a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

Social Studies—History and at least one course in Economics, Sociology and Political Science—eighteen to twenty-four hours exclusive of History 10a-b.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—Twenty-four semester hours beyond Chemistry 10a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours.

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

B.S. in Education

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Grades and Reports

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automaticallyy a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five point deficiency occurs, the dean will call the student for a conference.

Upon a fifteen point deficiency, the student is warned that there must be improvement during the next semester.

At the end of the semester in which a student receives his second warning he must have reduced his deficiency in order to continue in college.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 1. Quality points are determined as follows:

Grade	Quality Points per s. h.
A	3
В	2
C	1
D	0
F	—1

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated the year of his admission.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of eight semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation. All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

To be eligible for honors, a graduate must have an academic average of not less than 2.5 and must have earned not less than 60 semester hours credit at Elizabethtown College. Only grades earned at Elizabethtown College will be used in determining the honor.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in each course will be reported to the Committee on Admissions and Personnel.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The faculty Committee on Admissions and Personnel administers the regulations concerning absences.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and Literature	8-12 S. H. 4- 6 S. H.
At least two of the following:	
History of Philosophy Ethics History Psychology At least one of the following:	3 S. H. 3 S. H. 4– 6 S. H. 2– 3 S. H.
Latin French German	12_16 S H
German Spanish Natural Sciences—Physical or Biological Social Sciences	4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for pratical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education*	3 2 2 3 3 2 1	3 2 2 3 3 2 1
Total	16	16
Sophomore Year		
Survey of English Literature Modern European History Language Economics or Sociology Science Electives †	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
Literature History of the United States and Pennsylvania Speech Bible Electives* Education* Economics History Language Sociology	2 3 2 9	2 3 2 9
Total	16	16
Senior Year		
Introduction to Philosophy Ethics American Government Electives † Bible Education †	3 12–14	3 3 9–11
English History and Political Science Sociology		
Total	15–17	15–17

^{*}Two years Physical Education are required.
†Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

Bachelor of Science in Science

This course which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3-6 S. H.
Psychology or logic	3- 6 S. H.
Adv math including algebra and trigonometry	3-65 H

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than the Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-years' course in the School of Forestry, Duke University.

The following curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Pre-nursing

In this, as in all other science fields, the past decade has witnessed a strong trend toward broadening the preparation for nurses. The three-year regulation course of the hospital school admits high school students, but prefers women with at least some collegiate experience. In many cases the best positions in this profession are reserved for college graduates. A number of colleges now offer graduate training in nursing, following the bachelor's degree.

Students who can remain in college no longer than two years should follow the program given in the freshman and sophomore years in the B.S. in Science curriculum. Those able to complete four years as college undergraduates should conform generally to the pre-medical program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

The curriculum preparing students for medical technology in cooperation with the Lancaster General Hospital and St. Joseph's Hospital, Lancaster, Pennsylvania, has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Courses Required for the B.S. Degree in Science

• • • • • • • • • • • • • • • • • • •	_	
Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
		4
Chemistry	4	
German	3	3
Mathematics	3	3
Physical Education	1	1
Electives	4	4
Total	18	18
Sophomore Year		
Chemistry	5	5
German	3	3
Mathematics	3	3
Physics	4	4
		•
Physical Education	1	1
Electives	2	2
Total	18	18
Junior Year		
Junior Year		
Chemistry 40	4	4
Chemistry 41	•	5
	2	3
Mathematics	3	
Advanced Physics	4	4
Electives	6	4
Total	17	17
Senior Year		
Chemistry 44	4	4
Chemistry 45, 46	4	4
Electives	9	9
Total	17	17
Electives:		
Group I		
English Literature		6
Bible		4
History of U. S. and Pa		6
Group II		
Psychology		
Philosophy		
Sociology		
Economics		
Ethics		
m .		
Total		10
Group I Flectives are required		

Group I Electives are required.

Group II Electives must total ten credits.

Other Electives may be selected with approval of the adviser. Students whose interest lies in the field of Biology may substitute courses in Advanced Biology for Advanced Physics.

Requirements for the Degree of B.S. in Engineering

Freshman Year	Semester 1st Sem.	hours 2d Sem.
College Algebra Trigonometry English Composition History of Civilization Chemistry Drawing & Descriptive Geometry Physical Education Analytical Geometry Electives	3 3 2 4 2 1	3 2 4 2 1 3 3
Total	18	18
Sophomore Year		
Mechanics Differential Calculus General Psychology Physical Education Language * Literature Electives Heat and Sound Integral Calculus	4 3 2 1 3 3 2	2 1 3 3 2 4 3
Total	18	18
Electricity and Magnetism Intermediate Calculus Speech Statics Economics Religion † Optics Dynamics History Differential Equations	4 3 2 3 3 2	3 2 4 3 3 3
Total	17	18

 $^{^{}ullet}$ The language may be either French, Spanish, or German. It should follow the same language taken in high school.

† This course to be selected in agreement with the adviser.

Requirements for the Degree of B.S. in Forestry

-	-	
Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition History of Civilization General Psychology Mathematics General Chemistry Bible Physical Education	3 2 2 3 4 2	3 2 2 3 4 2 1
Total	17	17
Sophomore Year		
English Literature General Biology Language Economics Modern European History Physical Education	3 4 3 3 1	3 4 3 3 1
Total	17	17
Junior Year		
General Physics Language History of the United States and Pennsylvania Sociology Plant Biology Philosophy Ethics Electives	4 3 3 3 3	4 3 3 4 3
Total	17	17

Summer following Junior Year, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. degree in Science in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

Freshman Year	Semester 1st Sem.	hours 2d Sem.
General Chemistry General Biology English Composition College Algebra	4 4 3 3	4 4 3
Trigonometry General Psychology Physical Education	2	3 2 1
Total	17	17
Sophomore Year		
Qualitative Analysis Quantitative Analysis Histological Technique	5 4	5
Microbiology Bible Survey of English Literature History of Civilization Physical Education	2 3 2 1	4 2 3 2 1
Total	17	17
Junior Year		
Introduction to Philosophy	3	
Ethics Physics Organic Chemistry History of the U. S. and Pennsylvania	4 4 3	3 4 4 3 3
American Government	3	3
Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

^{*} Typewriting-if not proficient-2 credits.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Program of Nursing Education

Need

For a number of years, especially the last decade, an urgent need for trained nurses has existed. According to present indications the need will continue in terms of an ever increasing demand for nurses. This need is readily understood in the light of the great expansion of hospital services to the general population of civilians as well as the great expansion necessitated by war conditions of recent and present times.

Consequently, a constant concern for a sufficient supply of applicants, largely drawn from the ranks of girls being graduated annually from the high schools, is felt by the various institutions calling for such services.

Opportunity

It is at once apparent that excellent opportunities for girls to pursue a most worthy and humanitarian service in the profession of nursing are offered to such who may have either a temporary or a career interest in this type of service. Inasmuch as many institutions may from time to time be understaffed, the prospective student may be assured that the demand for nurses will be extended indefinitely and may never reach the point where supply will reach the demand.

Purpose of the Program

Elizabethtown College offers a program designed to help meet this social service need. The purpose of the program proposed by the college is to cooperate with the program of accredited hospitals which offer state-approved courses of nurses' training leading to an R.N. by providing the liberal arts and science courses that will extend the education of the graduate nurse. This would in an additional two years entitle the candidate to a Bachelor of Science degree in Nursing.

Furthermore, it is the purpose of such a program to prepare nurses for greater opportunities and for more responsible positions. This should greatly enhance their personal qualifications for effective service.

The Plan

Applicants for admission to this new program must meet admission requirements of both the hospital and the college.

The first two years of the five-year plan shall be spent in Elizabethtown College. The last three years shall be continued in resi-

dence at the cooperating hospital in pursuit of the regularly prescribed nursing curriculum.

At the end of the five years, upon the satisfactory completion of the two-year college course and the three-year nursing course and the passing of the State Board Examination for the R.N. degree, the student will be eligible for the degree of Bachelor of Science in Nursing to be conferred by the College.

Graduate nurses having completed nurses' training before entering college shall receive full consideration for admission to college upon satisfying admission requirements.

In such cases the amount of college work required shall be dependent upon the time when the training was pursued and the adequacy of the program pursued. Recent graduates of nurses' training schools may hope to complete the college course in two years as prescribed below.

Requirements for the Degree of B.S. in Nursing

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Chemistry General Biology	3 4 4 3	3 4 4
Introduction to Sociology Social Problems General Psychology History of Civilization	3 2 2	3 2 2
Total	18	18
Sophomore Year		
History of the United States and Pennsylvania English Literature Principles of Economics	3 3 3	3 3 3 2
American Government	2 3 3	-
Ethics	1	3 1
Total	18	18

Following is a list of the course areas given in theory and clinical experience during the student's three years in the school of nursing of the cooperating hospital.

- I. Biological and Physical Sciences, including anatomy, physiology, microbiology, and chemistry.
- II. Social Sciences, including psychology, sociology, social problems in nursing service, history of nursing, professional adjustments, and social aspects of family health.
- III. Medical Science, including pharmacology and therapeutics.
- IV. Nursing and Allied Arts, including nursing arts, nutrition, foods and cookery, diet therapy, medical and surgical nursing, obstetrics, nursing of children, and psychiatric nursing.

The minimum number of hours in the specific courses in the curriculum is prescribed by the Pennsylvania State Board of Nurse Examiners.

The Schools of Nursing are approved by the Pennsylvania State Board of Nurse Examiners, and are accredited by the National League for Nursing. The hospitals are approved by the American Hospital Association, the American College of Surgeons and the American Medical Association.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 semester hours including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.

Secondary Education		Educational Measurements
Elementary Education		Educational Sociology
Special Methods		History of Education
Hygiene		Principles of Education
	Visual	Education

Practice Teaching in the appropriate field 6 S. H

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Requirements for the Degree of B.S. in Education

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Bible	2	Ü
History of Civilization	2	2
General Psychology	2	2
Introduction to Education		3
Physical Education		1
Alternatives—Either A or B		
A. For Elementary Field *		
Music Fundamentals	2	2
Physical Science	3	
Teaching of English		3
Teaching of Geography	3	
B. For Secondary Field (any two subjects)		
Science †	4	4
Languages	3	3
Mathematics	3	3
Total	16–17	15–17
Sophomore Year		
Survey of English Literature	3	3
Bible ‡	2	
Physical Education	1	1
Alternatives—Either A or B		
A. For Elementary Field *		
Curriculum in Arithmetic	3	
Public School Music	2	
Child Psychology		3
Teaching of Health and Hygiene	2	2
Teaching of Public School Art	2	2
General Biology	4	4
B. For Secondary Field (elect from fields of interest)		
Modern European History	3	3
Biology, Chemistry, or Physics	4	4
Mathematics	3	3
Languages	3 3	3
Principles of Economics	3 3	3 3
Sociology	<i>-</i>	
Total	17	15–17

^{*} Students who elect the Elementary Field are required to take the courses as listed. † Required for a degree. ‡ Required of students in the Secondary Field.

Junior Year	Semester 1st Sem.	hours 2d Sem.
History of the United States and Pennsylvania	3 3	3
Educational Measurements Sociology Speech Visual Education	3 2	3
Physical Education	1	
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of Reading Bible	3 2	3 3 3
B. For Secondary Field		
Principles and Practices of Secondary Education Others selected from field in which student expects to teach	3 .	3
Total	17	17
Senior Year		
Introduction to Philosophy Ethics American Government History of Education Bible	3	3 3 3 2
Alternatives-Either A or B		
A. For Elementary Field *		
Principles of Elementary Education	2 8 2	
B. For Secondary Field		
Practice Teaching	8 2	6
Total	13–15	17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers the following courses:

Business Administration Business Education—Teaching Secretarial Science

Four-year degree course in secretarial science Two-year certificate course in secretarial science Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition	3	3
	2	2
Survey of Biblical History		_
Principles of Accounting	3	3
History of Civilization	2	2
Basic Mathematics or College Algebra	3	
Mathematics of Business		3
General Psychology	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
Survey of English Literature	3	3
Corporation Accounting	3	Ü
Cost Accounting	Ü	3
Science	4	4
Principles of Economics	3	3
Introduction to Sociology	3	J
Physical Education	1	1
Electives	, .	3
Dictives	_	
Total	17	17
Junior Year		
Business Law	3	3
Money and Banking	3	
Corporation Finance	•	3
History of the United States and Pennsylvania	3	
Human and Economic Geography	3	3
Bible	•	3 3 2
Electives	3	3
Dictives	_	
Total	15	17
Senior Year		
Business Statistics	3	3
American Government		3
Ethics		3
Personnel Administration	3	
Industrial & Labor Relations		3
Electives	9	3
Total	15	15

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3 S. H.
Education Psychology	3 S.H.
Professional Methods	6 S.H.
Practice Teaching in Business Education	6 S. H.
History of the U. S. & Pennsylvania	3 S.H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S.H.
Commercial Law	6 S.H.
Commercial Arithmetic	3 S.H.
Office Practice	3 S.H.
Salesmanship	3 S.H.
Shorthand	9 S.H.
Typewriting	6 S.H.
Junior Business Training	3 S.H.
Economics	6 S.H.
Retail Selling	12 S. H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

Freshman Year	Semester 1st Sem.	hour. 2d Sem.
English Composition General Psychology Principles of Accounting Shorthand * Typewriting * Basic Mathematics Introduction to Education Physical Education	3 2 3 3 2 3 1	3 2 3 3 2 3 1
Total	17	17
Sophomore Year		
Survey of English Literature Shorthand Corporation Accounting Cost Accounting Typewriting Business Correspondence Office Machine Practice Secretarial Office Practice Principles of Economics	3 3 3 2 2 2	3 3 3 2 3
Physical Education	_	
Total	17	17
Junior Year		
History of the United States and Pennsylvania Human and Economic Geography Business Law Educational Psychology Methods of Business Education Science Physical Education	3 3 3 3	3 3 3 4 1
Total	16	17
Senior Year		
Practice Teaching	8	2 3
Introduction to Philosophy Ethics	3	3
Bible	2	3 2 3 3
Electives	2	3
Total	15	16

^{*}Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a monotonous routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. With the proper choice of electives the first two years may be arranged so that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration of Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Science	8 S. H.
Mathematics	6 S. H.
Business Administration	24 S. H.
History or Sociology	9 S. H.

Requirements for the Degree of B.S. in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
General Psychology	2	2
Elementary Gregg Shorthand*		
Typewriting *	3 2	3 2
Accounting for Secretaries	3	3
Basic Mathematics	3	J
Mathematics of Business	3	3
Physical Education	1	1
I hysical Education		
Total	17	17
Sophomore Year		
Survey of English Literature	3	3
Science	4	4
Advanced Gregg Shorthand		3
Office Machine Practice	3 2 2	J
Typewriting	2	
Business Correspondence	2	3
Principles of Economics	3	3
Trinciples of Economics		
Total	17	16
Junior Year		
History of United States and Pennsylvania	3	3
Human and Economic Geography		3
Business Law	3	3
Bible	2	2
Speech	$\bar{2}$	_
Electives	3 3 2 2 3	5
	_	
Total	16	16
Senior Year		
Introduction to Philosophy	3	
Ethics	=	3
American Government		3
Bible	2	
Secretarial Office Practice		2
Electives	9	7
Total	14	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Elementary Gregg Shorthand*	3	3
Elementary Typewriting *	2	2
Accounting for Secretaries	3	
General Psychology	2	2
Bible	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Advanced Gregg Shorthand	3	3
Advanced Typewriting	2	
Business Correspondence		3
Secretarial Office Practice		2
Office Machine Practice	2	
Principles of Economics	3	3
Basic Mathematics	3	
Electives		3
Total	16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Elementary Gregg Shorthand *	3	3
Typewriting *	2	2
General Chemistry	4	4
General Biology	4	4
Physical Education	1	1
Total	17	17
Sophomore Year		
Secretarial Office Practice		2
Office Machine Practice	2	
Bible	2	2
Advanced Typewriting	2 2 3	
Advanced Gregg Shorthand	3	
Business Correspondence		3
Medical Secretarial Techniques	3	3
General Psychology	2	2
Electives	3	4
Suggested elective—Child Psychology		
Total	17	16

^{*} Students who have had shorthand and typewriting hefore coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	3
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession and six-week Summer Session.

The Intersession is organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During the short session a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn nine semester hours of credit toward a degree by attending both sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such parttime campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

Assistant Professor Byerly and Miss Martin

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

25a Psychology of Religion-A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours ber week

2 credits

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life. Two hours per week 2 credits

31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

40a General Bible Doctrine-The course will center in the doctrine of redemption. Some of the topics treated are God, man, sin, the Scriptures, and various phases of the great doctrine of salvation. A few specific doctrines of the New Testament are studied. Three hours ber week 3 credits Prerequisite: 10ab

B. Christian Education

10a Principles and Administration of Christian Education —An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in Christian Education-This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

33b History and Program of the Church of the Brethren-This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours per week

3 credits

Biology

Professor Charles Apgar, Dr. Bessie Apgar, and Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week

Laboratory fee, \$5.00 per semester 8 credits

Medical Secretarial Techniques—(See Secretarial Science 28ab).

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week

Prerequisite: Biology 10a-b

4 credits

30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week
4 credits

31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30a

Two hours recitation and a minimum of two hours laboratory per week

3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

4 credits

43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

43b Histology—The study of cells as organized into the tissues and organs of representative vertebrates.

Prerequisite: Biology 31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory

3 credits

48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 eredits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professor Gray, Professor Bucher, Miss Eastlack, Mr. Bitting and Mr. Gingrich

Accounting

10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and bookkeeping for service type businesses and professional employers.

Two hours lecture and two hours laboratory per week

3 credits

11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week 6 credits

21a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

21b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

31a Intermediate Accounting—Various methods of closing the accounting books are studied. Further discussions follow on proprietorship and corporation accounts with a view to showing the variations of accounting methods which the accountants use. Other topics covered include analysis of statements, corrections, clean surplus theory and application of funds.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

31b Advanced Accounting—Main emphasis is placed on accounting for parent and subsidiary relationships, consolidated statements, estate accounting, trusts, home office and branches, installments, insurance and foreign exchange.

Prerequisite: Accounting 31a

Two hours lecture and two hours laboratory per week

3 credits

41a Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analyses and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

41b Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Accounting 21a and 21b

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest,

chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

6 credits

21a Introduction to Economics—A beginning course in the principles and problems of economics including discussions on

production, monopoly, money, banking, supply and demand, distribution, and national fiscal policy. This course is offered to meet the needs of students in education, liberal arts and secretarial science.

science.

Three hours per week

3 credits

30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours ber week

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

38a Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

Economic History of the United States—(See History 31a).

42a Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the stu-

dent to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee. \$2.00

Three hours per week

3 credits

46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Three hours per week

3 credits

47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievances, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

49a Social Economics—This course discusses, in the light of modern standards, welfare economics, social insurance, poverty, and government regulation of business.

Prerequisite: Principles of Economics 20a-b

Three hours per week

3 credits

49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such proglems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: Principles of Economics 20a-b

Three hours per week

Secretarial Science and Business Education

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulation, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$7.50 per semester

Four hours per week

4 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

One hour lecture and two hours laboratory

2 credits

25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: Typewriting 12ab or permission of the instructor

Four hours laboratory per week

26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester

Prerequisite: Elementary Gregg Shorthand 10ab

Two hours per week

2 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours ber week

3 credits

28ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms. In addition the students receive a basic training in office nursing techniques so as to acquaint them with these practices in medical offices.

Laboratory fee, \$2.50 per semester Three hours per week

6 credits

Chemistry and Geology

Professor Stambaugh and Professor Baugher

10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students who will continue with further courses in chemistry, or those who desire a more rigorous course than Chemistry 15a-b.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week 8 credits

15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in context. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and two hours laboratory per week

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week

5 credits

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week

5 credits

Offered 1954-1955

44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fee, \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week

8 credits

Offered 1955-1956

45a Qualitative Organic Analysis—A study is made of the properties of functional groups of organic compounds. Applica-

tion of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$10.00

Prerequisite: Chemistry 30a-b

Two hours recitation and eight hours laboratory per week

4 credits

46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$10.00

Prerequisite: Chemistry 44a

Two hours recitation and conference and ten hours laboratory per week

4 credits

12b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week

4 credits

Offered 1954-1955

Education

Professors Bucher, Fisher and Peters, Associate Professor Hoover, Mr. Custer and Mrs. Hahn

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

3 credits

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

14b Teaching of English—This course includes a study of the objectives, content, and methods of teaching the language arts in the elementary grades. Work books and textbooks are studied and evaluated. Opportunity is given for the construction of a course of study in Elementary English. Teaching of poetry and other literature for appreciation is also stressed.

Three hours per week

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

3 credits

21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week
Offered 1955-1956

3 credits

23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of 13ab, Music Fundamentals. To be taken in the freshman or sophomore year

Two hours per week

2 credits

25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and

color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31ab Principles and Practices of Secondary Education—The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35ab Teaching of Reading—This course includes aims, materials, and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied and evaluated. Projects, activities, units, and demonstrations are utilized. Special attention is given to the development of reading interests, tastes, prevention of reading disability as well as diagnostic and remedial measures. Basic and supplementary textbooks are reviewed and evaluated.

Three hours per week

36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$2.00

Three hours per week

3 credits

39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Two hours per week

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the first eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week.

Prerequisites: Secondary—31ab and 42a

Elementary-35ab and 42a

(This student teacher is required to provide for his own transportation)

Fee, \$40.00

Eight hours per week

8 credits

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Offered 1955-1956

45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

3 credits

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week

3 credits

Offered 1954-1955

49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week

English

PROFESSOR SCHLOSSER, ASSOCIATE PROFESSOR HACKMAN, ASSISTANT PROFESSOR KELLY, MRS. HEILMAN AND MISS ENGLE

10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures. Three hours per week 6 credits

30a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Three hours per week

3 credits

Offered 1954-1955

31b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Three hours per week

3 credits

Offered 1954-1955

32a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Three hours per week Offered 1955-1956

3 credits

33b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life

and criticism of present day problems are investigated and discussed.

Three hours per week

3 credits

Offered 1955-1956

34a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Two hours per week

2 credits

Offered 1955-1956

36b The English Essay—The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Two hours per week

2 credits

Offered 1955-1956

36a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Three hours per week

3 credits

Offered 1954-1955

37b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Three hours per week

3 credits

Offered 1954-1955

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fic-

tion and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours per week

3 credits

Open only to Juniors and Seniors

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week

4 credits

Offered 1955-1956

41ab World Literature—A study of a selected group of literary masterpieces that have a relation to Western culture.

Two hours per week

4 credits

Offered 1954-1955

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Two hours per week

4 credits

Offered 1954-1955

43a Chaucer—This course takes up a study of the Canterbury Tales, Troilus and Criseyde and some minor poems.

Three hours per week

3 credits

Offered 1955-1956

44b Early English Drama—The drama from the beginning to the time of Shakespeare is reviewed. A study is made of the miracle and morality plays and of the chief pre-Shakespearian dramatists.

Three hours per week

3 credits

Offered 1955-1956

45b English Workshop—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects.

Three hours per week 3 credits

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Esperanto *

10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week

3 credits

French

10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading, and dictation are stressed. Does not count toward a major in French.

Three hours per week

6 credits

20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

31ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

Beauve and several twentieth century authors are given special attention.

Three hours per week

6 credits

41ab French Conversation and Advanced Composition— This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)

Three hours per week

6 credits

German

10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week

6 credits

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours per week

6 credits

Greek

10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Assistant Professor Reuning and Mr. Greene

A. History

10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

(Required of all Freshmen in both semesters)

Two hours per week

4 credits

20ab History of Modern Europe—This course offers a survey of the development of modern Europe from 1500 to the present day. Stress will be placed on the long-range political, economic, social, and intellectual movements. These various factors will be integrated to show how they affect European history.

(Either semester may be taken for credit)

Three hours per week

6 credits

Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week

3 credits

Prerequisite: History 30ab

Offered 1955-1956

Teaching of the Social Studies—(See Education 36a).

40ab Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States.

Prerequisite: History 30ab

Two hours per week

4 credits

Offered 1954-1955

43a Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period since 1914. Political, diplomatic, economic, and social aspects of recent history provide the fundamentals for this course. The work will be centered around European and world wide developments.

Three hours per week

3 credits

Offered 1954-1955

44b Medieval History—This course is to be a survey of the History of Europe from 300 A. D.-1500 A. D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Catholic Church, Christian Thought and Philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week

3 credits

Offered 1955-1956

B. Political Science

40a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week

3 credits

Offered 1955-1956

41b American Government—This course is a survey of the political institutions of the United States with special emphasis on

the national government, but with some consideration of Pennsylvania state and local government.

Three hours per week

3 credits

42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy.

Two hours per week

2 credits

Offered 1954-1955

Mathematics

Associate Professor Heilman

10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

Prerequisite: Two years of high school mathematics or Mathematics 10a

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

3 credits

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

Prerequisite: High school Plane Geometry

^{*} Does not count toward a major.

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisite: Mathematics 20a

Three hours per week

3 credits

23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—(See Education 25b).

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

3 credits

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Mathematics 30a

Three hours per week

3 credits

32a or b Differential Equations—This course includes the solution of ordinary differential equations, covering first and second order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Mathematics 30a

Three hours per week

41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Mathematics 11a and 12b. Fee, \$2.00

Three hours per week

3 credits

42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, MRS. FETTER, AND MR. HERR

The student who majors in music may work out a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance. (See Music under Majors for A.B. in Liberal Arts—page 15.)

- (a) The student concentrating in Music History and Theory is required to take Music History and Appreciation (4 credits), Music Fundamentals (4 credits), Harmony (4 credits), Applied Music (4 credits) and Ensemble (2 credits).
- (b) The student concentrating in Church Music is required to take Church Music (4 credits), Music Fundamentals (4 credits), Music History and Appreciation (4 credits), and Vocal Ensemble (2 credits).
- (c) The student concentrating in Musical Performance is required to take Applied Music (8 credits, 4 of which shall be in the same branch), Music Fundamentals (4 credits), Harmony (4 credits), Ensemble (2 credits), and to present a satisfactory recital in one or more branches of applied music in the senior year.

Students other than those majoring in music may elect 20 semester hours of credit in music toward the A.B. degree. If credit in excess of 2 semester hours is desired for Applied Music, this credit shall be accompanied by an equal number of semester hours in Theory, History and Appreciation, or Church Music. A maximum of 8 semester hours in Ensemble music may be applied towards the A.B. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a selection such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the following pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

A. Theory of Music

13a-b Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester, scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semesters of 13ab, Music Fundamentals

Two hours per week
Offered 1954-1955

4 credits

Public School Music—(See Education 23a).

B. History and Appreciation of Music

32ab History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week

4 credits

Offered 1955-1956

C. Church Music

42ab Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult

voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week

4 credits

Offered 1954-1955

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range, quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

E. Ensemble

(No tuition charge. No credit unless attendance is satisfactory, and unless participation extends over the entire school year.)

A Cappella Choir

Three hours per week (two rehearsals)

2 credits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Chapel Choir

Rehearsals by special appointment

No credit

(Personnel changes several times during the year.)

Philosophy

Professor Schlosser

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Psychology

Professors Bucher and Peters

10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people.

Two hours per week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week Laboratory fee, \$3.00

3 credits

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 credits

36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Three hours ber week

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week Offered 1955-1956

3 credits

Physical Education and Health

Mr. Herr and Mr. Greene

10ab Physical Education—This course aims to promote proper habits in the care of the body. Required of freshmen.

Two hours per week

2 credits

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week

2 credits

22ab Hygiene—The first semester is devoted to the study of personal and school hygiene as related to the problem of the schoolchild. During the second semester the problems of community hygiene, and the place of nutrition in a school and community hygiene program are studied.

Two hours per week

4 credits

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Mr. Custer

10b Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meteorology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00

Three hours per week

3 credits

12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

The student is expected to provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed

during the first semester.

Three hours recitation and four hours laboratory per week 6 credits
Laboratory fee: \$10.00 per semester

17a-b Drawing and Descriptive Geometry—The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments.

One hour lecture and five hours laboratory per week

4 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b Laboratory fee, \$7.50 per semester

Three hours recitation and two hours laboratory per week

8 credits

21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Mathematics 21b (or concurrently)

Three hours recitation and two hours laboratory per week

4 credits

Laboratory fee: \$7.50 per semester

22b Heat and Sound—The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester

will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Physics 21a and Mathematics 30a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee: \$7.50 per semester

30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohms Law, Kirchhoffs Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism alternating currents, radiation, and electronics.

Prerequisite: Physics 22b

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee: \$7.50 per semester

31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Physics 31a

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee: \$7.50 per semester

40a Statics—This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisite: Mathematics 30a and Physics 21a

Three hours per week

3 credits

41b Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Physics 40a

Three hours recitation and two hours laboratory per week

4 credits

Sociology

Professor Peters

10a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week Prerequisite: 10a or 21b 3 credits

Offered 1954-1955

21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours ber week

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours ber week

3 credits

Prerequisite: 10a or 21b Offered 1955-1956

- 32b Urban Sociology—The present basic social patterns which have emanated from modern urban culture are traced and analyzed. Three hours ber week
- 40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Offered 1955-1956

41b Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: 20a

Offered 1955-1956

42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per weck

3 credits

Offered 1954-1955

43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week

3 credits

Prerequisite: 10a or 21b

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas, and Easter vacations. This fee amounts to \$925.00.

Day Students

The expenses for a student attending College from his own home are \$500.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of College	\$231.25	\$125.00
On or before December 1	231.25	125.00
On or before February 1	231.25	125.00
On or before April 1	231.25	125.00

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

The tuition charge for less than 10 and more than 18 hours per week is \$13.50 per semester hour when students take work with regular classes. Whenever choir, glee club, and orchestra increases the student's number of semester hours beyond the maximum number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

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^{*} This charge does not include the accident insurance premium required of all students. See page 86.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing. For examinations not taken on regularly scheduled dates, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$7.50 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$10.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance from date of enrollment	Per Cent of Quarters Charge
Less than 2 weeks	25%
Between 2 and 4 weeks	50%
Between 4 and 6 weeks	75%
Retween 6 and 8 weeks	100%

General Expense Information

The cost of one lesson per week in piano, voice or organ is \$24.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A room reservation fee of \$5.00 is required of all applicants desiring rooms. A registration fee of \$10.00 is required of all applicants for admission. These fees are credited to the student's account. They are not refunded in case of cancellation of application. However, they may be transferred to apply to a later year. Rooms are reserved for the college year. Students are expected not to change residence during the year for any reason except withdrawal from college.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The amount of this scholarship ranges from \$400.00 to \$600.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

One such scholarship is given annually to each graduating class on the basis of one for each 25 students or fraction thereof. The scholarship is awarded to the first eligible student who enrolls and files a written application.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers a limited number of scholarships to ministers and missionaries and their children upon the filing of a written application and presentation of satisfactory evidence of licensure.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their expenses. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Treasurer of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$10 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Secretarial Science are eligible.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Treasurer.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge. Only single size bed sheets will be accepted by the laundry.*

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safeguard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in

^{*} The College reserves the right to discontinue all laundry service upon two weeks' notice.

competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$10.00 for men and \$5.00 for women per college year. It is compulsory on the part of all students to carry this insurance.

Intramural Program

Intramural sports are an important part of the activities program. All students not on varsity teams are urged to participate in the intramural program. Sports on the program are basketball, baseball, tennis, touch football, soccer, volleyball, soft ball, table tennis, badminton, and track. Tournaments are held in various sports during the year.

Intercollegiate Program

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athetic Conference and of the National Association of Intercollegiate Basketball.

Women have intercollegiate competition in basketball, field hockey, and tennis.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are *ipso facto* members of the Student Association Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students (two from each dormitory) and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Comerciantes

This is an organization of students enrolled in the Commercial, Business Administration or Secretarial courses. Its purposes are to promote interest in the business world and in the study of Commercial subjects; to encourage a social spirit by offering opportunities for wholesome social contact; and to become familiar with modern progressive business methods and systems, endeavoring by such means to raise and maintain a higher standard of training for business.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are

selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The *Conestogan* is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the A Cappella Choir is chosen from the college student section of the College Chorus, and consists of thirty-two to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the A Cappella Choir takes frequent trips, giving concerts in Brethren churches of Pennsylvania.

The College Chorus is a larger organization, which presents a great oratorio at some time in the spring of each year. The oratorio is presented in the college auditorium, with guest soloists and local soloists. The membership of the Chorus includes singers from the vicinity and from the church choirs of Elizabethtown, as well as college students.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the A Capella Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and frequently appear publicly in churches, high schools, and other places.

The Chapel Choir is a select ensemble of eight to ten mixed voices; they rehearse at times convenient to the group, and contribute to the worship in chapel services by singing anthems and responses. The personnel of the Chapel Choir changes several times during the year, in order to provide more of this type of musical experience for more students.

Buildings and Grounds

Elizabethtown College, ideally situated on an attractive campus of some fifty acres, provides baseball diamonds, a soccer field, a hockey field, all-weather tennis courts, and a large lake. These adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and a women's day student room.

Rider Memorial Hall

During January, 1905, the trustees planned the erection of a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906, as Memorial Hall. On the first floor are located the college Store and a recreation room. Faculty offices, classrooms, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third college building was dedicated. This is a three-story brick building. The first floor contains an infirmary, a guest room, three apartments equipped with modern conveniences and adapted to small families. The second and third floors are used as women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In 1928 the College took steps to raise a fund for an auditoriumgymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious auditorium-gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Offices and storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$20,000 has been contributed by alumni and friends of the College.

Dwellings

Eight dwellings are located on the campus and furnish residence for members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Several years ago the Alumni Association conceived the idea of beautifying the College campus. This finally led to the purchase of an adjoining tract of land containing a stream of pure running water. At once the student body built a long concrete wall across a ravine and thus formed a lake of over three acres on the campus near the baseball field. Lake Placida offers opportunity for ice skating. With trees and shrubbery planted around the shore, the lake is a real beauty spot frequently sought for vesper services.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1953-1954

President, Emory Stouffer, '41

Harrisburg

President, Cyrus G. Bucher, '36Biglerville,	Pa.
Vice-President, ARTHUR J. RISSER, '39	Pa.
Secretary-Treasurer, LIDA ANNE SWOPE, '48	Pa.

Juniata Valley

President, SUPERA MARTZ BOO	NE, '22	Route 1, Loganton, Pa.
Vice-President, MERVYN W. N	Mensch, X-'19	Mifflinburg, Pa.
Secretary-Treasurer, BEULAH	SHIRK SHELL,	, '24McAllisterville, Pa.

Lancaster

President, HARRY GERLACH, '33	Quarryville, Pa.
Vice-President, PAUL ALWINE, '49	Elizabethtown, Pa.
Secretary, Louise Baugher Black, '46	
Treasurer, Clifford Huffman, '47	Lancaster, Pa.

Lebanon Valley

President, HIRAM GROFF, '33	Hershey, Pa.
Vice-President, Anna Carper, '41	Palmyra, Pa.
Secretary-Treasurer, Amy Breidenstine Sterner, X-'34 Myo	erstown, Pa.

Philadelphia

President, JOHN SPEIDEL,	'41	Wilmington,	Delaware
Secretary-Treasurer, MARY	HESS FRIDAY, X-'37	Cyı	awyd, Pa.

York

President, JANET SENFT, '47	Thomasville, Pa	
	'39	
Secretary-Treasurer, ORSULA	ERNSI, 2/ YOFK, Fa	٠

Chicago-Elgin

President,	EARL	ZIEGLI	ER, '51				Chicago,	Illinois
Secretary-	Treasu	rer, G	LADYS	Stehman	HYLTON,	' 50	Chicago,	Illinois

The Alumni Council

Commencement

Monday, June 1, 1953 10:00 A. M.

Address: Milton S. Eisenhower, D.Sc., LL.D. President, Pennsylvania State University

Honorary Degrees

MILTON S. EISENHOWER, Doctor of Laws

JOHN TRIMMER, Doctor of Science

CLARENCE SCHOCK, Doctor of Humane Letters

Degrees in Course

Bachelor of Arts in Liberal Arts

ROBERT ALEXANDER ALLISON, III	Lancaster, Pa.
Doris Ann Bartram	
Julius H. Belser, Jr	Elizabethtown, Pa.
JOHN I. DEAN, JR	McClure, Pa.
WILLIAM A. ELLSWORTH, JR	Stetlersville, Pa.
Walton Duane Emig	Spring Grove, Pa.
HIRAM LAMAR GIBBLE	Manheim, Pa.
STANLEY SHOEMAKER GRILL	Christiana, Pa.
J. Robert Herr	Salunga, Pa.
James O. Hivner	
C. Frederick Horbach	Ashland, Pa.
PHYLLIS V. Kratz	
Fredrik Ingemar Malmborg	
HAROLD B. MOWRER	
Walton Ziegler Moyer	
*Lester R. Ritter	
NANCY KAY SELDOMRIDGE	Lancaster, Pa.
CLYDE RAYMOND SHALLENBERGER	Chicago, Ill.
NANCY PARKS SHEAFFER	Chambersburg, Pa.
Leonard Eugene Shertzer	Hummelstown, Pa.
MARY MARGARET WALZL	Lancaster, Pa.
Alan Louis Whitacre	
Carlos Ray Ziegler	
Levi J. Ziegler	Palmyra, Pa.

^{*} Candidate for degree at end of Summer Session.

Bachelor of Science in Science
GLENN EUGENE HAMME Spring Grove, Pa. NELSON HENRY KLINE McClure, Pa. ROBERT GENE MILLER Hellam, Pa. ELLIS JAMES SHENK Myerstown, Pa.
Bachelor of Science in Business Administration
WILLIAM CARL BAUSMAN DALE B. BERKHEIMER LANCASTER, PA. JAMES LYNN BRANDT Elizabethtown, Pa. DAVID E. EBERSOLE LARRY TEMPLE ENDERS MARTIN K. FORNEY ELIZABETHTOWN, PA. ELIZABETHTOWN, PA. ELIZABETHTOWN, PA. ELIZABETHTOWN, PA. ELIZABETHTOWN, PA. WILBUR EUGENE MCKEAN Washington, D. C. DAVID NEWCOMER, JR. GERALD HENRY ROLAND CHARLES K. ROTH LITITZ, PA. THOMAS SHIREMAN RUOSS EARL W. SHAAK HERSHEY, PA. STUART DAVID SHAFER NEVIN R. SNADER NEVIN R. SNADER Akron, PA.
Bachelor of Science in Business Education
GLADYS OGDEN McGurk York, Pa. PHYLLIS EMMA SAYLOR Red Lion, Pa. ERNEST M. SWANGER Lebanon, Pa.
Bachelor of Science in Secondary Education
*John William Bolton Penbrook, Pa. *Alma Mae Campbell Sellersville, Pa. *Frank B. Hess Lititz, Pa. Richard B. Shupp Palmyra, Pa.
Bachelor of Science in Elementary Education
HARRIET BEETHAM ALLISON CORA DOROTHEA ANDERSON RICHARD B. AULT ARDEN MARIE BENFIELD *MIRIAM B. BUCKWALTER LAURA MAE BOONE JOSEPHINE I. BOWMAN JANICE A. CROMAN *J. Vernal Ellenberger *J. Wartha Jane Lutz Lucy Stauffer Musselman DOROTHY JANE OXENFORD SHIRLEY WARNER SELDOMRIDGE *George R. Stohler *George R. Stohler Elizabethtown, Pa. *Elsze B. Ziegler Elizabethtown, Pa.

^{*} Candidate for degree at end of Summer Session.

Bachelor of Science in Medical Technology

†Mariane S. Beane	Paradise, F	a.
KATHERINE STRUMPER	Philadelphia, F	a.
†MARY ALICE WEICKSEL		a.

Bachelor of Science in Nursing

Candidates for Certificates

The following students have completed the requirements for the course in:

Medical Secretarial Science

Jean	PATRI	CIA HESS	West Willow, Pa	a.
Lois	Jean	McMinn	Lancaster, Pa	a.

Secretarial Science

Margaret Ann Hicks	Maytown, Pa.
The following students have completed the upon the hospital course in Medical Technology:	
JOYCE ANN LEREW JOYCE ELAINE MOORE	
URSULA HELENE NEIDARDT	Denver, Pa.
R. Arlene Reinhold	Donaldson, Pa.

[†] Candidate for degree following the passing of the Registry Examination for medical technologists.

Register of Students

1953-1954

Seniors

Men

ALBRIGHT, ROBERTB.S. BASHORE, PAULA.B. BELLIS, EDWARDB.S.	Liberal ArtsR. D. 1, Jonestown, Pa. Ele. Education434 S. Market St., Elizabethtown,
COSGROVE, JOHN B.S. D1NGER, LA MAR A.B. FARR, COY D. B.S. FORNEY, GLENN B.S. FOSTER, J. EDWARD A.B. FOSTER WILLIAM B.S.	Liberal Arts Goodrich, Mich. Liberal Arts 357 W. End Ave., Elizabeth. N. J. Bus. Admin Rheems, Pa. Liberal Arts Main St., Muir, Pa. Bus. Admin Farr Apts., Middletown, Pa. Bus. Admin Box 186, Florin, Pa. Liberal Arts 515 Chester St., Lancaster, Pa. Bus. Education. 102 Sylvan Ave., Norwood, Pa. Bus. Admin 1035 S. Market St., Elizabethtown,
GOODMAN. RONALDB.S.	Pa. Liberal Arts321 Manheim St., Philadelphia, Pa. Bus. Admin570 W. Chocolate Ave., Hershey, Pa. Liberal Arts315 S. Mount Joy St., Elizabethtown, Pa.
HOOVER, DAVID B.S. KEENEY, MARK A.B. KLOCK, JAMES B.S. KUGLE. JOHN B.S.	Bus. Admin813 N. 3rd St., Harrisburg, Pa. Science Lineboro, Md. Liberal Arts520 S. Spruce St., Elizabethtown, Pa. Bus. Admin Herndon, Pa. Bus. Admin 1256 Prospect St., York, Pa. Ele. Education Trailer Villa, R. D. 3, Elizabethtown,
McElroy, RichardB.S.	Pa. Bus. Admin729 N. Shippen St., Elizabethtown, Pa.
MEYERS, WILLIAM B.S. MILLER, LERGY B.S. MURPHY, RONALD B.S. PRICE, ROYDEN A.B. SCHAPPELL, ROBERT A.B. SCHAPPELL, ROBERT B.S. SHAVER, DAVID B. B.S. SHETLER, ROBERT B.S. SMITH, G. DUANE A.B. THOMAS, W. SHERWOOD A.B. WECHTER, PAUL B.S. WHITACRE, DANIEL A.B. WILSON, DAVID B.S.	Bus. Admin

Women

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Heise, Eileen
HOLLOWAY, MILDREDB.S. Bus. Admin Piney Woods, Miss.
JOHNSON, SALLIEB.S. Sec. Science1451 Perkins St., Jackson, Miss.
KEENEY, ANITA
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LANDIS, ELIZABETHB.S. Bus. Education 1908 Virginia Ave., Hagerstown, Md.
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SAYLOR, BETTYB.S.	ScienceE.	Petersburg, Pa.
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STUCKEY, NANCYB.S.	Ele. EducationR.	D. 2, Elizabethtown, Pa.
Young, ShirleyB.S.	Bus. Education Mo	Clure, Pa.

Juniors

Men

BLANSET, DAVID B.S. BRUBAKER, JAYWOOD B.S. CRUMBLING, DONALD B.S. DOCK, SAMUEL B.S. DOCK, SAMUEL B.S. FAWBER, C. FRED B.S. GEARY, CARL A.B. HEISEY, GEORGE W. B.S. HEISEY, WILLIAM G. B.S. HOERNER, HENRY, JR. B.S. HOUSER, RODNEY B.S. JACOBS, HARVEY B.S. JACOBS, HARVEY B.S. KANOFF, GEORGE B.S. KREIDER, HENRY L. B.S. KREIDER, HENRY L. B.S. MAIER, DONALD B.S. MAIER, DONALD C. A.B. MARTIN, W. DONALD B.S. MILLER, JAMES B.S. MILLER, JAMES B.S. RICE, PAUL A.B. RUHLER, JOHNALD B.S. RICE, PAUL A.B. RUHLER, JAMES B.S. SIECE, PAUL A.B. SCHELL, WALTER A.B. SCHELL, WALTER A.B. SCHELL, WALTER A.B. SLANNE, LANE B.S. SUTER, H. JOSEPH B.S. THOMPSON, RAY B.S.	Ele, Education. 40 Detwiler Ave., Mt. Joy, Pa. Bus. Admin. Box 53, Hershey, Pa. Sec. Education. 132 N. Chestnut St., Palmyra, Pa. Ele, Education. 216 Locust St., Columbia, Pa. Science
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Deppe, MarilynB.S. Bus. Education. R. D. 5, Lebanon, Pa.
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OLDHAM, A. RUTHB.S. ScienceFishertown, Pa.
WITMYER, JOYCEB.S. Bus. Education 1415 Hollywood Drive, Lancaster, Pa.

Sophomores

Men

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BECHTEL, MAYO WA.B. Liberal ArtsR. D. 2, East Berlin, Pa.

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HOFFMAN, PAULB.S.	Science
KEENEY, ORWINB.S. LONGENECKER, MELVINB.S.	Ele. Education. R. D. 1, Myerstown, Pa. Bus. Admin117 Oak St., Progress, Harrisburg, Pa.
MILLER, STANLEY A.B. MORAN, NEAL W. A.B. MOYER, RALPH A.B. NARDELLI, DOMENICO B.S. ORBANK, CHARLES B.S.	Science
SHERK, ROBERT B.S. SMITH, BRUCE I. A.B. STINE, RICHARD B.S. STONER, JOHN D. B.S. THOMAS, HARRY B.S. TRIMMER, TYLER B.S.	Pa. Sec. Education. 51 Park St., Elizabethtown, Pa. Bus. AdminR. D. 2, Mount Joy, Pa. Liberal Arts24 N. 31st St., Harrisburg, Pa. Bus. Admin40 W. Broadway, Red Lion, Pa. Bus. Admin839 Hummel Ave., Lemoyne, Pa. Sec. Education. R. D. 86, Harrisburg, Pa. ScienceMasonic Homes, Elizabethtown, Pa. Bus. Admin454 N. Market St., Elizabethtown,
Wolf, John B.S. Yoder, James B.S.	Pa. Ele. Education. R. D. 1, Quarryville, Pa. Bus. Admin 337 Hazel St., Lancaster, Pa. Ele. Education. Mattawana, Pa. Bus. Admin 3 Park St., Elizabethtown, Pa.
	Women

Baucher, Lucy B.S. Sec. Education. Aspers, Pa. Bell, Evelyn B.S. Ele. Education. 32 W. Locust St., Palmyra, Pa. Berry, Carole B.S. Med. Tech. 127½ E. High St., Manheim, Pa. Bortner, Gloria Secretarial Science Lineboro, Md. Bratton, Bernice B.S. Med. Tech. R. D. 1, Millerstown, Pa. Brucher, Nancy Jane B.S. Ele. Education. 237 S. Cedar St., Lititz, Pa. Buccieri, Christine A.B. Liberal Arts. 407 Ninth St., New Cumberland, Pa. Dilling, Mary B.S. Med. Tech. 121 N. Spring St., Everett, Pa. Duppstadt, Lois B.S. Med. Tech. 121 N. Spring St., Everett, Pa. Duppstadt, Lois B.S. Med. Tech. Stoystown, Pa. Earhart, Janet Secretarial Science R. D. 2, Elizabethtown, Pa. Evans, Janet Secretarial Science R. D. 1, Royersford, Pa. Geyer, Jean B.S. Ele. Education. R. D. 1, Middletown, Pa. Geyer, Jean Haepner, Josephine Med. Tech. 214 Nevin St., Lancaster, Pa. Hunsberger, Janet Secretarial Science Secretarial Science Med. Tech. 214 Nevin St., Lancaster, Pa. Jones, Mary A. B.S. Bus. Admin. Woodbine, York County, Pa. Jones, Mary A. B.S. Med. Tech. 228 Bosler Ave, Lemoyne, Pa. King, Lois Secretarial Science Med. Tech. 288 Bosler Ave, Lemoyne, Pa. King, Lois Secretarial Science 1101 New Holland Ave., Lancaster, Kinney, Marie B.S. Ele. Education. R. D. 1, Hanover, Pa. King, Ruth J. B.S. Bus. Education. R. D. 2, Berlin, Pa. Kulng, Ruth J. B.S. Bus. Education. R. D. 2, Berlin, Pa. Kulng, Sylvia B.S. Bus. Admin. Hungerford, Pa. Lehman, Elva Jean Secretarial Science 24 Railroad St., Lawn, Pa.	ALEXANDER, RUTHSecretarial Science501 Ruby St., Lancaster, Pa.
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Berry, Carole B. S. Med. Tech. 127½ E. High St., Manheim, Pa. Bortner, Gloria Secretarial Science Lineboro, Md. Bratton, Bernice B. S. Med. Tech. R. D. 1, Millerstown, Pa. Brubaker, Nancy Jane B.S. Ele. Education. 237 S. Cedar St., Lititz, Pa. Brucheri, Christine A.B. Liberal Arts. 407 Ninth St., New Cumberland, Pa. Dilling, Mary B.S. Med. Tech. 121 N. Spring St., Everett, Pa. Duppstadt, Lois B.S. Med. Tech. Stoystown, Pa. Earhart, Janet Secretarial Science R. D. 2, Elizabethtown, Pa. Evans, Janet Secretarial Science R. D. 1, Royersford, Pa. Geyer, Jean B.S. Ele. Education. R. D. 1, Middletown, Pa. Gish, Katheyn Secretarial Science 330 S. Market St., Elizabethtown, Pa. Haepner, Josephine Med. Tech. 214 Nevin St., Lancaster, Pa. Hunsberger, Janet Secretarial Science 668 Walnut St., Royersford, Pa. Johnson, Barbara B.S. Bus. Admin. Woodbine, York County, Pa. Jones, Mary A. B.S. Med. Tech. 623 E. Main St., Boswell, Pa. Junkin, Shirley B.S. Med. Tech. 728 Bosler Ave., Lemoyne, Pa. King, Lois Secretarial Science 1101 New Holland Ave., Lancaster, Kinney, Marie B.S. Ele. Education. 33 Church St., High Bridge, N. J. Kling, Ruth J. B.S. Bus. Education. R. D. 1, Hanover, Pa. Kling, Ruth J. B.S. Bus. Education. R. D. 2, Berlin, Pa. Kucler, Sylvia B.S. Bus. Admin. Hungerford, Pa. Lehman, Elva Jean Secretarial Science 24 Railroad St., Lawn, Pa.	
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DUPPSTADT, LOIS B.S. Med. Tech Stoystown, Pa. EARHART, JANET	BUCCIERI, CHRISTINEA.B. Liberal Arts407 Ninth St., New Cumberland, Pa.
EARHART, JANET	
Evans, Janet Secretarial Science R. D. 1, Royersford, Pa. Geyer, Jean B.S. Ele. Education. R. D. 1, Middletown, Pa. Gish, Kathhyn Secretarial Science 330 S. Market St., Elizabethtown, Pa. Haepner, Josephine Med. Tech. 214 Nevin St., Lancaster, Pa. Hunsberger, Janet Secretarial Science 668 Walnut St., Royersford, Pa. Johnson, Barbara B.S. Bus. Admin. Woodbine, York County, Pa. Jones, Mary A. B.S. Med. Tech. 623 E. Main St., Boswell, Pa. Junkin, Shirley B.S. Med. Tech. 728 Bosler Ave., Lemoyne, Pa. King, Lois Secretarial Science 1101 New Holland Ave., Lancaster, Pa. Kinney, Marie B.S. Ele. Education. 33 Church St., High Bridge, N. J. Kling, Ruth J. B.S. Bus. Education. R. D. 1, Hanover, Pa. Kling, Ruth J. B.S. Bus. Education. Risirs Mills, Pa. Knepper, Sarah J. B.S. Ele. Education. R. D. 2, Berlin, Pa. Kucler, Sylvia B.S. Bus. Admin. Hungerford, Pa. Lehman, Elva Jean Secretarial Science 24 Railroad St., Lawn, Pa.	DUPPSTADT, LOISB.S. Med. Tech Stoystown, Pa.
Gever, Jean B.S. Ele. Education. R. D. 1, Middletown, Pa. Gish, Kathrayn Secretarial Science 330 S. Market St., Elizabethtown, Pa. Haffner, Josephine Med. Tech. 214 Nevin St., Lancaster, Pa. Hunsberger, Janet Secretarial Science 668 Walnut St., Royersford, Pa. Johnson, Barbara B.S. Bus. Admin. Woodbine, York County, Pa. Jones, Mary A. B.S. Med. Tech. 623 E. Main St., Boswell, Pa. Junkin, Shirley B.S. Med. Tech. 728 Bosler Ave., Lemoyne, Pa. King, Lois Secretarial Science 1101 New Holland Ave., Lancaster, Pa. Kinney, Marie B.S. Ele. Education. 33 Church St., High Bridge, N. J. Kline, Loretta B.S. Sec. Education. R. D. 1, Hanover, Pa. King, Ruth J. B.S. Bus. Education. Blairs Mills, Pa. Knepper, Sarah J. B.S. Ele. Education. R. D. 2, Berlin, Pa. Kucler, Sylvia B.S. Bus. Admin. Hungerford, Pa. Lehman, Elva Jean Secretarial Science 24 Railroad St., Lawn, Pa.	EARHART, JANETSecretarial Science R. D. 2, Elizabethtown, Pa.
Gever, Jean B.S. Ele. Education. R. D. 1, Middletown, Pa. Gish, Kathrayn Secretarial Science 330 S. Market St., Elizabethtown, Pa. Haffner, Josephine Med. Tech. 214 Nevin St., Lancaster, Pa. Hunsberger, Janet Secretarial Science 668 Walnut St., Royersford, Pa. Johnson, Barbara B.S. Bus. Admin. Woodbine, York County, Pa. Jones, Mary A. B.S. Med. Tech. 623 E. Main St., Boswell, Pa. Junkin, Shirley B.S. Med. Tech. 728 Bosler Ave., Lemoyne, Pa. King, Lois Secretarial Science 1101 New Holland Ave., Lancaster, Pa. Kinney, Marie B.S. Ele. Education. 33 Church St., High Bridge, N. J. Kline, Loretta B.S. Sec. Education. R. D. 1, Hanover, Pa. King, Ruth J. B.S. Bus. Education. Blairs Mills, Pa. Knepper, Sarah J. B.S. Ele. Education. R. D. 2, Berlin, Pa. Kucler, Sylvia B.S. Bus. Admin. Hungerford, Pa. Lehman, Elva Jean Secretarial Science 24 Railroad St., Lawn, Pa.	EVANS, JANET
GISH, KATHRYN	
HAEFNER, JOSEPHINE Med. Tech	GISH. KATHRYN
HUNSBERGER, JANET Secretarial Science .668 Walnut St., Royersford, Pa. JOHNSON, BARBARA B.S. Bus. Admin Woodbine, York County, Pa. JONES, MARY A. B.S. Med. Tech623 E. Main St., Boswell, Pa. JUNKIN, SHIRLEY B.S. Med. Tech728 Bosler Ave., Lemoyne, Pa. KING, LOIS Secretarial Science .1101 New Holland Ave., Lancaster, Pa. KINNEY, MARIE B.S. Ele. Education33 Church St., High Bridge, N. J. KLINE, LORETTA B.S. Sec. Education. R. D. 1, Hanover, Pa. KLING, RUTH J. B.S. Bus. Education. Blairs Mills, Pa. KNEPPER, SARAH J. B.S. Ele. Education. R. D. 2, Berlin, Pa. KUGLER, SYLVIA B.S. Bus. Admin. Hungerford, Pa. LEHMAN, ELVA JEAN Secretarial Science .24 Railroad St., Lawn, Pa.	HAEFNER, JOSEPHINE Med. Tech 214 Nevin St., Lancaster, Pa.
JOHNSON, BARBARA B.S. Bus. Admin. Woodbine, York County, Pa. JONES, MARY A. B.S. Med. Tech. 623 E. Main St., Boswell, Pa. JUNKIN, SHIRLEY B.S. Med. Tech. 728 Bosler Ave., Lemoyne, Pa. KING, LOIS Secretarial Science 1101 New Holland Ave., Lancaster, Pa. KINNEY, MARIE B.S. Ele. Education. 33 Church St., High Bridge, N. J. KLINE, LORETTA B.S. Sec. Education. R. D. 1, Hanover, Pa. KLING, RUTH J. B.S. Bus. Education. Blirs Mills, Pa. KNEPPER, SARAH J. B.S. Ele. Education. R. D. 2, Berlin, Pa. KUGLER, SYLVIA B.S. Bus. Admin. Hungerford, Pa. LEHMAN, ELVA JEAN Secretarial Science .24 Railroad St., Lawn, Pa.	HUNSBERGER LANET Secretarial Science 668 Walnut St. Roversford, Pa.
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JUNKIN, SHIRLEY B.S. Med. Tech728 Bosler Ave., Lemoyne, Pa. KING, LOIS Secretarial Science	JONES MARY A RS Med Tech 623 F Main St Roswell Pa
KING, LOIS	Timery Curriey D.C. Med Tech 729 Declar Ava Lamoura Pa
Pa. KINNEY, MARIE	Vanc Lore Companied Colones 1101 New Holland Ave Langeter
KINNEY, MARIE	
KLINE, LORETTA B.S. Sec. Education. R. D. 1, Hanover, Pa. KLING, RUTH J B.S. Bus. Education. Blairs Mills, Pa. KNEPPER, SARAH J B.S. Ele. Education. R. D. 2, Berlin, Pa. KUGLER, SYLVIA B.S. Bus. Admin Hungerford, Pa. LEHMAN, ELVA JEAN Secretarial Science 24 Railroad St., Lawn, Pa.	
KLING, RUTH J	KINNEY, MARIE
KNEPPER, SARAH JB.S. Ele. Education. R. D. 2, Berlin, Pa. KUGLER, SYLVIAB.S. Bus. Admin Hungerford, Pa. LEHMAN, ELVA JEAN Secretarial Science24 Railroad St., Lawn, Pa.	KLINE, LORETTAB.S. Sec. Education. R. D. 1, Hanover, Pa.
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LEHMAN, ELVA JEAN Secretarial Science 24 Railroad St., Lawn, Pa.	KNEPPER, SARAH JB.S. Ele. Education. R. D. 2, Berlin, Pa.
LEHMAN, ELVA JEAN Secretarial Science 24 Railroad St., Lawn, Pa.	Kugler, SylviaB.S. Bus. Admin Hungerford, Pa.
Tanna Taganyana DC Fla Education D D 2 Hanguar Da	LEHMAN, ELVA JEAN Secretarial Science 24 Railroad St., Lawn, Pa.
LEPPO, JUSEPHINE	LEPPO, JOSEPHINEB.S. Ele. Education. R. D. 2, Hanover, Pa.

LONGENECKER, MARILYN B.S. Ele. Education. R. D. 5, Lebanon, Pa. LOWE, GWENDOLYN B.S. Med. Tech. 829 N. Duke St. Lancaster, Pa. MARTIN, JESSIE A.B. Liberal Arts B. D. 2, Elizabethtown, Pa. MILLER, GWENDOLYN A.B. Liberal Arts Boiling Springs, Pa. MINNICH, PATRICIA B.S. Ele. Education. 150 Haines Rd., York, Pa. MYERS, SHIRLEY Med. Sec. Science R. D. 3, York, Pa. PRICTOR, ZOE B.S. Med. Tech. New Hope, Pa. PRICE, EDNA Med. Sec. Science Zullinger, Pa. SHEARER, JANET Med. Sec. Science R. D. 1, Perulack, Pa. SHELLER, VIVIAN B.S. Ele. Education. R. D. 1, Perulack, Pa.
SHREINER, FLORENCE Med. Sec. Science R. D. 1, Bareville, Pa.
STONER, BERNICEB.S. NursingR. D. 2, Mechanicsburg, Pa.
STOTZ, DOROTHYB.S. Ele. Education 208 N. Catherine St., Middletown, Pa.
TRIMMER, JANETB.S. Ele. Education 18 S. Custer Ave., New Holland, Pa.
VARNER, JANETB.S. Ele. Education Spring Run, Pa.
Welch, DorisB.S. Ele. Education126 W. Evergreen St., West Grove,
Pa.
WILLIAMS, BETTYMed. Tech920 Columbia Ave., Lancaster, Pa.
WITTER, RUTHB.S. Bus. Education R. D. 2, Mercersburg, Pa.
Zug, RitaA.B. Liberal ArtsRichland, Pa.

Freshmen

Men

ASPRIL, ROBERT B.S. BARLEY, DONALD A.B. BAUGHER, JAMES B.S. BELICIC, MATTHEW B.S. BERKLEY, RODNEY A.B. BIXLER, GLENN R. B.S. BLESSING, ROBERT B.S. BONITZ, JOHN T. B.S. BOOK, JAY B.S. BORREGGINE, PHILLIP B.S.	Bus. Admin71 S. Penn St., Manheim, Pa. Sec. Education. 232 W. King St., Lancaster, Pa. Liberal Arts R. D. 6, Lancaster, Pa. Harrisburg, Pa. Sec. Education. 45 Oak Park Rd., Harrisburg, Pa. Sec. Education. 402 Second St., Enhaut, Pa. Liberal Arts 1343 Roxbury Ave., Johnstown, Pa. Bus. Admin 3 Mercer Ave., Lacey Park, Hatboro, Pa. Bus. Admin 1153 Hudson St., Harrisburg, Pa. Bus. Admin 508 Wood St., Progress, Pa. Sec. Education. Thompsontown, Pa. Secience 5 S. Eighth St., Camden, N. J.
Boskovich, PeterA.B.	Bus. Admin1508 Esbenshade Rd., Lancaster, Pa. Liberal Arts24 E. Weidman St., Lebanon, Pa. Sec. Education. Route 23, Hamburg, N. J. Science Mifflin Pa.
COX, CLARENCE B.S. CURRIE, JACK A.B. DAVELER, HAROLD B.S. DEAN, ELLSWORTH B.S. DEMENT, ROBERT B.S. DENLINGER, CARL A.B. DERK, CHARLES B.S. EICHLER, FRANKLIN B.S. EINFALT, STEPHEN B.S. EAGLE, IRVIN M., JR. B.S. FASICK, KENNETH B.S. FERGUSON, FREDERICK B.S. FIRENG, LAYTON B.S.	Bus. Admin
FLEMING, GARYB.S.	Liberal Arts504 S. Washington St., Greencastle, Pa. Science1717 Linwood Ave., Lancaster, Pa. Liberal Arts1035 S. Market St., Elizabethtown,
GOUDIE, ROBERT L. B.S. HERIGAN, JOHN S. B.S. HERSHBERGER, MAX W. B.S. HERSHEY, HARRY G. B.S.	Pa. Liberal Arts 8 High St., York Springs, Pa. Bus. Admin 234 Stuart Ave., Downingtown, Pa. Sec. Education. 554 Mohn St., Steelton, Pa. Bus. Education. New Enterprise, Pa. Bus. Admin 526 E. High St., Elizabethtown, Pa. Sec. Education. Trailer Villa, R. D. 3, Elizabethtown, Pa. Pa.
HOFFER, LEE A.B. HOFFMAN, ROBERT B.S. HOLTZINGER, EDWARD R. B.S. IVANOFF, MICHAEL B.S. KANOFF, PETER A.B. KEREK, STEPHEN R. B.S. KNAPPENBERGER, ROBERT A.B. KULP, BENNETT L A.B. LAURIA, LOUIS A.B.	Liberal Arts

LUTZ, JAY H	Liberal Arts525 Vine St., Perkasie, Pa. Bus. Admin1901 Fawcett Ave., McKeesport, Pa. Bus. Admin106 N. Second St., Clearfield, Pa. Liberal Arts37 East Locust St., Lebanon, Pa. Bus. Admin131 Union Ave., Paterson 2, N. J. Science5408 Jonestown Rd., Harrisburg, Pa. Sec. Education. R. D. 1, Statler St., Central City,
PRICE, LORELL A.B. PRIFER, JAMES B.S. PROWELL, TOLBERT B.S. RAFTER, MARTIN B.S. REED, MARLIN S. A.B. REYNOLDS, JACK L. B.S. ROGERS, ALBERT B.S. ROJOHN, ERNEST A., JR. B.S. ROYER, DONALD B.S.	Bus. Admin
SANKO, MAURICEA.B. SMITH, JONATHAN MA.B. SOHN, MENDEL SA.B.	Pa. Liberal Arts 207 E. High St., Elizabethtown, Pa. Liberal Arts 207 E. High St., Manheim, Pa. Liberal Arts 209 E. High St., Elizabethtown, Pa. Liberal Arts 104 N. Catherine St., Middletown, Pa.
STONEBACK, WILLIAM A.B. SWOPE, JAY I. B.S. TEPSICH, LEROY B.S. THOMPSON, PETER L. A.B. TURNER, ROBERT A.B. ULRICH, LOUIS J. B.S. VAN SCYOC, FRED B.S. WEAVER, CHARLES, JR. B.S. WEAVER, CHARLES, JR. B.S. WEAVER, ROBERT B.S. WILLARD, JAMES B.S. WILLOUGHBY, DONALD A.B. WISE, KENNETH B.S. YOHE, THEODORE A.B.	Science

Women

Anderson, DorothyMed. Sec. Science R. D. 2, Delta, Pa.
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Brisbin, Janice Secretarial Science 141/2 N. Main St., Yeagertown, Pa.
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Cope, Frances
CROUSE, DOROTHYSecretarial Science508 Bow St., Elkton, Md.
DANILOFF, INNA
DANKEL, LEAHB.S. Bus. Education Franklin Rd., Rockaway, N. J.
DIEHL, FERN L
DILLMAN, HEDY MA.B. Liberal Arts 233 S. Second St., Frackville, Pa.
EBY, SHIRLEY BB.S. Ele. Education330 Barbara St., Mt. Joy, Pa.
Evans, JoanneB.S. Nursing323 Rider Ave., Lancaster, Pa.
FILLING, KAY L
FITZKEE, CASSANDRAB.S. Nursing1230 Elm Ave., Lancaster, Pa.
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FOSTER, RUTH ANN Med. Tech
FOSTER, SUZANNEMed. Sec. Science 800 Race Ave., Lancaster, Pa.
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JACKSON, MARY L
KANN, LEAH J
Keller, Gloria DB.S. Ele. Education. Wernersville, Pa.
Keller, JoanMed. Sec. Science Main St., Morwood, Pa.
KIM, SUN KYUNGA.B. Liberal Arts Second St., Tosung-Dong, Pusan,
Korea
KIPP, Doris
LABEZIUS, JOANNEB.S. Science1010 E. Urange St., Lancaster, Pa.
Le Van M. Joan R.S. Nursing 29 Meade St., Wellsboro, Pa.

Moore, Patricia Anne Med. Sec. Science 194 Bellevue St., Johnstown, Pa. Moose, Carole Ann Secretarial Science 458 High Lawn Ave., Eizabethtown, Pa.
MUMMA, LOIS R. B.S. Ele. Education. 2636 Boas St., Harrisburg, Pa. NOLL, CHRISTAMed. Tech N. Franklin St., Lancaster,
PRANGE, SHIRLEY B.S. Ele. Education. R. D. 1, Christiana, Pa. REICHARD, INA B.S. Ele. Education. Box 11, Main St., Shady Grove, Pa. RICKS, LAVERNE A.B. Liberal Arts442 Manor Place, N.W., Washing-
ton, D. C. ROUDABUSH, JOYCEB.S. Bus. Education 1026 Bedford St., Johnstown, Pa. SHIRK, GLADYSB.S. Med. TechR. D. 1, Quarryville, Pa.
Sprenkel, AudreyB.S. Ele. Education. North East, Md. Sprow, WandaB.S. Med. Tech2643 Booser Ave., Penbrook, Harrisburg, Pa.
SWANSON, NANCYB.S. Science226 Marietta Ave., Mt. Joy, Pa. THEEL, J. BARBARAMed. TechN. Delsea Drive, Glassboro, N. J.
THOME, MARY L. B.S. Ele. Education. R. D. 2, Mt. Joy, Pa. TURNER, DELORES
Wels, Hazel B.S. Ele. Education .363 E. Main St., Lititz, Pa. Wels, Sylvia B.S. Ele. Education .4765 N. Front St., Harrisburg, Pa. Wells, Hazel B.S. Ele. Education .R. D. 1, Palmyra, Pa.
WOLFE, PAUL AB.S. Ele. EducationR. D. 1, Myerstown, Pa. YODER, HAZELB.S. Ele. EducationMattawana, Pa.

Special Students

Men

CHEGWIN, EDUARDOBarranquilla, Colombia, S.A.
FELDMAN, ROBERT
Pa.
GRIMM, ELWOOD
HENRY, WILLIAM C 3 Center Lane, Middletown, Pa.
LAVINE, BARRY S
MADEIRA, EUGENE L
MARTIN, CARL
NEGRA, MICHAELOAFB, Middletown, Pa.
RAHN, WILSON E
Salisbury, David
Scaccia, Ralph JOAFB, Flight Service, Middletown, Pa.
Schaffner, Meade D
THOMAS, ARTHUR
town, Pa.

Women

MUMMERT, ERDIS ISpring Gard	en St., Elizabethtown, Pa.
SHAFFNER, ANNA	1.
SHIFFLET, ANNE F	rrisburg, Pa.
WINTERS, ESTHER45 S. Marke	t St., Elizabethtown, Pa.

Part-time Students-1953-1954

Men

BATES, LEROY C	Box 195, Rheems, Pa.
BECKER, CARROLL HARVEY	
BERRY, THOMAS W	
BOYD, GEORGE	
BRANDT, LUKE H	
Brooks, Cecil C	Olmsted Air Force Base, Middletown, Pa.
BRUBAKER, RICHARD D	Bowl-Mor Apt. 5. Elizabethtown, Pa.
BRUNNER, EDWARD	
Brunner, John	
BUTTRAY, DONALD I	,912 Alden St., Meadville, Pa.
CAPPS, BOBBIE C	5121 N. Marvine St., Philadelphia, Pa.
CASHILL, THOMAS J	284 3rd Medical Group, Olmsted AFB, Mid-
	dletown, Pa.
COBLE, EDWARD	,2309 N. Third St., Harrisburg, Pa.
COMBS, EDWARD E	.92 Pine Ford Drive, Middletown, Pa.
DAUGHTRY, JAMES E	Birdsboro, Pa.
DILKS, EDGAR A	Bowmansdale, Pa.
Downey, Russell	
EBERSOLE, RALPH Z	.619 Church St., Reading, Pa.
ELLIS, JOHN T	Olmsted Air Force Base, Middletown, Pa.
ESPENSHADE, CARL E	

FALK, MELVIN
PROBERG, WARREN
PROBERG, WARREN
PROBERG, WARREN
PROBERG, WARREN
PULLER, GLENWOOD A
PULLER, DONALD H
PULLER, PULLIAM H
POOL COLUMN H
PULLER, DONALD H
PULLER, DONALD

Women

Bellis, Barbara H.

Betz, Joann

Betz, Joann

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Brandt, Elizabeth A.

R. D. 2, Hersbey, Pa.

Brechbill, Lois

Brunner, Doris

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Dohner, Pearl R.

Doll, Frances L.

132 S. Fourth St., Lebanon, Pa.

Forney, Marion L.

Haines, Elsie

149 W. High St., Elizabetbtown, Pa.

Haines, Margaret

Heim, Hazel

Heim, Hazel

Heim, Hazel

Hess, Lois

R. D. 1, Hersbey, Pa.

R. D. 2, Hersbey, Pa.

By High St., Elizabetbtown, Pa.

Heim, Hazel

Heim, Hazel

R. D. 1, Mr. Joy, Pa.

Kanode, Esther C.

Mt. Joy, Pa.

Kanode, Esther C.

Mt. Joy, Pa.

Kopf, Audrey V.

Box 274, Myerstown, Pa.

Miller, Helen M.

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MORGANTHALL, ELIZABETH P
MUDRINICH, ÁNNA L
MUSSER, HELEN H
RIDER, HELEN Mounted Route, Middletown, Pa.
ROEBUCK, ESTHER
SAYLOR, MURIEL
Scouter, June P
TOPPIN, MARIAN
Weidler, Esther
WENGER, FERNE

Lebanon Valley-Elizabethtown College Extension Center Harrisburg, Pennsylvania

1953-1954

Men

BAKER, LEE K
ENGLE, PAUL
FARVER, ROBERT W
FEESER, STUART R
Gronbeck, Paul H
HESS, ROBERT R
INGRAHAM, Ross W
KAUFMAN, ZANE G
Sigler, Henderson G
SMITH, CHARLES W
Spangler, William
Vallely, Joseph
risburg. Pa.
WOLAND, CHARLES, JR
ZIMMERMAN, CHARLES L429 E. Main St., Palmyra, Pa.

Women	
BACASTOW, EDYTHE 230 Java Ave., Hershey, Pa. BARRICK, PEARL 2500 N. 6th St., Harrisburg, Pa. BASTIAN, MARGARET G. R. D. 1, Halifax, Pa. BINGAMAN, GLADYS D. Elizabethville, Pa. BOOKWALTER, GLADYS 107 S. Poplar St., Elizabethtown, Pa. BROWN, DOROTHY L. 2705 N. 6th St., Harrisburg, Pa. CANNON, HANNAH S. 232 Liberty St., Harrisburg, Pa. CARE, ELSIE G. 805 River House, 2311 N. Front St., Harisburg, Pa.	r.
Tisburg, Pa.	
RAYSOR, NAOMI B. 2923 N. Walnut St., Harrisburg, Pa. Reed, Hellen E. Elizabethville, Pa. SHADEL, E. MARION 345 Swatara St., Steelton, Pa. SHERK, VIOLETTE 2508 Walnut St., Harrisburg, Pa. STEEVER, MARJORIE R. 1615 N. Second St., Harrisburg, Pa. STRANGARITY, ELIZABETH J. 2643 A. N. Fifth St., Harrisburg, Pa. STROMAN, ETHEL M. 1819 Forster St., Harrisburg, Pa. SWAVELY, MARY R. D. 1, New Cumberland, Pa.	

TIPPETT, CLARA P
Trego, Patricia
VAN HORN, KATHERINE
WALKER, JANICE E Lebanon Valley College, Annville, Pa.
WENGER, GERALDINE
WITMER, CAROLYN

York Hospital Extension

BRODBECK, JANET C
DUNCAN, FLORA BELLE
GROSS, JESSIE RAE L
Janes, Frances Lucille286 W. Jackson St., York, Pa.
MARTIN, VIOLET R
MEISKY, GENEVA E
REXROTH, PATSY D
ROSEMAN, BETTY E111 W. Gay St., Red Lion, Pa.
SHEFFER, PAULINE K
SNYDER, EVELYN B
SPRENKLE, LOLA
TROXELL, IDA MAE
Weaver, Mary Agnes
White, Orpha Klinger307 N. Hartley St., York, Pa.

1953-Intersession

June 8 to June 27

Men
BALDERSTON, JAMES C OAFB, Middletown, Pa. BARNHART, WILLIAM S Disney Apts., Park & Chestnut Sts., Eliza
Bonomo, Joseph M
ESPOSITO, SANTINE
FRY, PAUL .R. D. 3, Manheim, Pa. HAAS, DONALD .318 4th St., West Fairview, Pa. HARRISON, JAMES W. .1912-8 AACS Sq., OAFB, Middletown, Pa. HECK, FRANCIS B. .103 Jarvis Rd., Erial, N. J. HERBERT, ROBERT J. .2006 Oakmont St., Philadelphia, Pa.
HERD, WAYNE Shefford Courts, 4431 N. Front St., Harrisburg, Pa. HITZ, HENRY E
HOFFMAN, PAUL D
Pa. HREN, ANTHONY
MALONEY, ANDREW J
MOWRER, HAROLD Paradise, Pa. PIETROBONO, GALIENO Olimsted AFB, Middletown, Pa. RHEN, R. JACK Middletown, Pa. RITTER, LESTER R Oley, Pa. ROEBUCK, JAMES 1806 Farragut Ave., Bristol, Pa.
ROTH, WILLIAM G. II R. D. 2, Hummelstown, Pa. SABBI, GEORGE J. 231 Channing Ave., Malvern, Pa. SCHWANKL, ALFRED 29 N. Charlotte St., Lancaster, Pa. SHIELDS, MORRELL 419 Columbia Ave., Mt. Joy, Pa. SMITH, ARCHIE 142 E. Roosevelt St., Middletown, Pa. SMITH, CLOYD R. 566 Manor St., Lancaster, Pa.
SNYDER, THOMAS F. 1406 Gordon St., Allentown, Pa. STEEVER, ALFRED W., Jr. 29 Spring Garden St., Riverside, N. J.

STOHLER, GEORGE R. D. 1, Sheridan, Pa.
TELLAM, RICHARD M. 1237 N. 5th St., Reading, Pa.
TRAIN, PAUL 123 Oak St., Manheim, Pa.
WARFEL, KENNETH R. D. 3, Blossom Hill, Lancaster, Pa.
WIDING, JOSEPH OAFB, Middletown, Pa.
WILLIAMS, IRVIN PHILIP 4316 Findlay Rd., Baltimore, Md.
WILSON, DAVID 171 E. High St., Elizabethtown, Pa.
WOELFL, JOHN S. 828 Mohn St., Enhaut, Pa.
YODER, JAMES Mattawana, Pa.

Women

ALEXANDER, CAROLE

Beck, Clara L.

Beck, Clara L.

S23 N. Spring St., Middletown, Pa.
Buckwatter, Miriam

R. D. 4, Lancaster, Pa.
Care, Elsie G.

Dodd, Margaret H.

Gerhart, Carrie A.

Graybill, Ruthe

Graybill, Ruthe

Beck, Clara L.

S23 N. Spring St., Middletown, Pa.
Buckwatter, Miriam

R. D. 4, Lancaster, Pa.

Apt. 1001, 2311 N. Front St., Harrisburg, Pa.

Pa.

Dodd, Margaret H.

S19 Lincoln St., Steelton, Pa.
Gerhart, Carrie A.

S29 Market St., Lebanon, Pa.
Graybill, Ruthe

Graybill, Ruthe

Graybill, Ruthe

S29 Market St., Halifax, Pa.
Herr, Joyce E.

Quarryville, Pa.
Holloway, Mildred

Piney Woods, Miss.
Kilhefner, Elsie Z.

Lawn, Pa.
Lutz, Pearl M.

R. D. 3, Harrisburg, Pa.

Miller, Blanche B.

Miller, Blanche B.

Miller, Blanche B.

Morganthall, Elizabeth P.

415 Elm St., Middletown, Pa.

Moul, Mary T.

702 W. Middle St., Hanover, Pa.
Neff, Hazel M.

M. R., Middletown, Pa.

West, Ruth M.

M. R., Middletown, Pa.

Winters, Esther

45 S. Market St., Elizabethtown, Pa.

Withyer, Joyce

1415 Hollywood Drive, Lancaster, Pa.

York, Sarah R.

McClure, Pa.

1953—Summer Session

June 29 to August 8

Men

ALBL, MICHAEL O
BLANK, AARON Kinzers, Pa.
BONOMO, JOSEPH
Donomo, Joseph
Brubaker, Richard D
Bundy, George E Goodrich, Mich.
BURDETT, ARTHUR D
Coble, Edward RLinglestown, Pa.
Cosgrove, JohnRheems, Pa.
DERK, CHARLES, JR
Dock, Samuel, Jr
ENDERS, LARRY
ETZWEILER, EDWARD
FALK, MELVIN D
Farr Apts., Middletown, Pa.
Fidler, Paul A
Franklin, Kenneth
Frey, Jay
FRY, PAUL W
GRUBB, PAUL, JR
HAAS, DONALD M
HECK, FRANCIS B
HERBERT, ROBERT J
HERD, WAYNE N. Shefford Courts, 4431 Front St. Harris-
burg. Pa.
HETRICK, KENNETH E
Herrick, Rennerh E
HITZ, HENRY
HOFFMAN, PAUL
Hollander, Irwin C
Hollinger, Robert
Hren, Anthony R
JUDGE, JAMES E
Pa.
KAUFMAN, CARL
KEATH, FRANK
July attitude Dis, Ecoanoli, La.

Kugle, John
LICHTY, JOHN C
Maloney, Andrew J
MAZZARELLI, JOSEPH P
McElrath, Richard
McElroy, Richard
McKean, Richard
RESH. ROBERT G
RESNICK, MILTON
RHEN, R. JACKMiddletown, Pa.
RITTER, LESTEROley, Pa.
ROEBUCK, JAMES N
ROKSANDÍC, MICHAELBox 456, R. D. 1, Steelton, Pa.
ROTH. WILLIAM
Sabbi. George
SCHMITT, FREDERICK
Shields, S. Morrell
SNYDER, THOMAS F1406 Gordon St., Allentown, Pa.
Steever, Alfred W., Jr
SUMMERS, WILLIAM
Tellam, Richard M
Train, Paul
Warfel, Elvin G Elizabethville, Pa.
Woodcock, Robert D
YODER, JAMES

Women

ALEXANDER, CAROLE R. ALLISON, HARRIET B. ALLISON, HARRIET B. ALLISON, HARRIET B. ALLISON, HARRIET B. BAAB, MARIETTA C. Olmsted Air Force Base, Middletown, Pa. BECKER, MILDRED I. BECKER, MILDRED I. BUCCIERI, CHRISTINE A. 407 Ninth St., New Cumberland, Pa. BUCKWALTER, MIRIAM B. R. D. 4, Lancaster, Pa. COLBERT, LILA E. 303 Cumberland St., Harrisburg, Pa. COOPER, NORMA D. R. D. 2, Jonestown, Pa. DODD, MARGARET H. 319 Lincoln St., Steelton, Pa. EICHELBERGER, MARY FAKE, ETHA EICHELBERGER, MARY FLORA, HAZEL FLORA, HAZEL R. D. 1, Paradise, Pa. FORNEY, MARION R. D. 1, Hummelstown, Pa. GRIMM, PAULINE 529 Market St., Halifax, Pa. HEIM, HAZEL R. HOLLOWAY, MILDRED Piney Woods, Miss. MECKLEY, CAROLE R. D. 2, Elizabethtown, Pa. MILLER, BLANCHE MORGANTHALL, ELIZABETH MORGANTHAL, ELIZABETH MORGANTHALABEL MOR	,,	
MILLER, BLANCHE Elizabethville, Pa. MORGANTHALL, ELIZABETH 415 Elm St., Middletown, Pa. NELSON, GLADYS 502 Ridge St., Steelton, Pa. RESH, RUTH T. 238 W. Eutaw St., Baltimore, Md. SAYLOR, BETTY E. Petersburg, Pa. SCHAFFNER, FLORENCE 938 Columbia Ave., Lancaster, Pa. THEAL, HELEN 557 Wisconisco St., Harrisburg, Pa. WEST, RUTH M. Highspire, Pa. WILLIAMS, BETTY 920 Columbia Ave., Lancaster, Pa. WINNERS, ESTHER 45 S. Market St., Elizabethtown, Pa. WITMYER, JOYCE 1415 Hollywood Drive, Lancaster, Pa.	ALLISON, HARRIET B. 344 E. Park St., Elizabethtown, Pa BAAB, MARIETTA C. Olmsted Air Force Base, Middletov Becker, Mildred I. 564 Main St., Bressler, Pa. Buccieri, Christine A. 407 Ninth St., New Cumberland, P Buckwalter, Miriam B. R. D. 4, Lancaster, Pa. Colbert, Lila E. 303 Cumberland St., Harrisburg, P Cooper, Norma D. R. D. 2, Jonestown, Pa. Dodd, Margaret H. 319 Lincoln St., Steelton, Pa. Eichelberger, Mary Lewisberry, Pa. Fake, Etha Etters, Pa. Flora, Hazel R. D. 1, Paradise, Pa. Flora, Hazel R. D. 1, Pummelstown, Pa. Grimm, Pauline 529 Market St., Halifax, Pa. Heim, Hazel R. 43 Wharton Ave., Middletown, Pa. Holloway, Mildred Piney Woods, Miss.	vn, Pa
NELSON, GLADYS	MILLER, BLANCHEElizabethville, Pa.	
SCHAFFNER, FLORENCE 938 Columbia Ave., Lancaster, Pa. THEAL, HELEN 557 Wisconisco St., Harrisburg, Pa. WEST, RUTH M. Highspire, Pa. WILLIAMS, BETTY 920 Columbia Ave., Lancaster, Pa. WINTERS, ESTHER 45 S. Market St., Elizabethtown, Pa. WITMYER, JOYCE 1415 Hollywood Drive, Lancaster, Pa.	Nelson, Gladys	
	SCHAFFNER, FLORENCE 938 COlumbia Ave., Lancaster, Pa. THEAL, HELEN	a.
		ra.

Summary

Number of Students, 1953-1954

	Men	Women	Total
Seniors	38	22	60
Juniors	33	20	53
Sophomores	45	46	91
Freshmen	85	54	139
Special Students	13	4	17
Part-time Students	78	27	105
Lebanon Valley-Elizabethtown College Extension			
Center	16	45	61
York Hospital		14	14
Intersession, 1953	57	24	81
Summer Session, 1953	57	29	86
Total	422	285	707
Names Repeated	83	33	116
			_
Grand Total	339	252	591

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DIRECTOR OF AL	OMISSIONS .
LIZABETHTOWN	COLLEGE
LIZABETHTOWN	, PENNSYLVANIA
Dear Sir:	
I am intereste	d in Elizabethtown College.
☐ Send	d me an Application for Admission form.
Arro	ange an interview for me on the campus.
Send	d me information about honor scholarships.
VAME	
	CITY & STATE
	DATE OF GRADUATION
	,, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DIRECTOR OF AI	OMISSIONS .
:LIZABETHTOWN	
	, PENNSYLVANIA
Dear Sir:	
I am interested	d in Elizabethtown College.
_	d me an Application for Admission form.
	ange an interview for me on the campus.
☐ Sene	d me information about honor scholarships.
NAME	
STREET	CITY & STATE
	DATE OF GRADUATION
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DIRECTOR OF AL	DMISSIONS
LIZABETHTOWN	
LIZABETHTOWN	, PENNSYLVANIA
Dear Sir:	
I am intereste	d in Elizabethtown College.
Seno	d me an Application for Admission form.
Arro	ange an interview for me on the campus.
Sen	d me information about honor scholarships.
NAME	
STREET	
	JIII & JIAIL

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

ELIZABETHTOWN COLLEGE
ELIZABETHTOWN, PENNSYLVANIA

OFFICE OF ADMISSIONS





LIZABETHTOWN COLLEGE BULLETIN

1955 1956

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PENNSYLVANIA



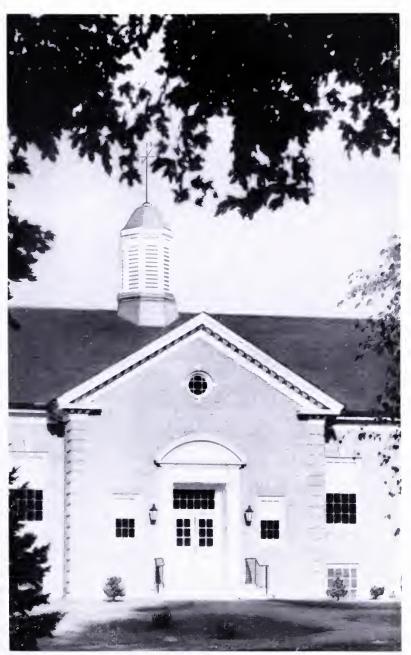
— CALENDAR —

1955

JANUARY	FEBRUARY	MARCH
SMTWTFS	S M T W T F 8	8 M T W T F 8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 40 31	1 2 3 4 8 6 7 8 9 1011112 1314 15 16 17 18 19 20 21 22 23 24 25 26 27 28	6 7 8 9 10 11 12 13 14 15 16 17 18 12 20 21 22 23 24 25 26 27 28 29 30 31
APRIL	MAY	JUNB
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 28 26 27 28 29 20
JULY	AUGUST	SEPTEMBER
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 8 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	4 8 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
OCTOBER	NOVEMBER	DECEMBER
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1956

JANUARY	PEBRUARY	MARCH
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
APRIL	MAY	JUNE
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JULY AUGUST		SEPTEMBER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	5 6 7 8 9 10 11 1213 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
OCTOBER	NOVEMBER	DECEMBER
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



Library Building



Elizabethtown College Bulletin

Published Quarterly

Fifty-sixth Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1954-1955

Announcement of Courses 1955-1956

Vol. XLI

January, 1055

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1955

Summer Sessions-1955

JUNE	6	Monday, 8:00 A. MIntersession Begins
JUNE	24	Friday, NoonIntersession Ends
June	27	Monday, 8:00 A. MSummer Session Begins
JULY	4	MondayIndependence Day (No classes)
August	5	Friday, NoonSummer Session Ends
		Academic Year 1955-1956
September	12-13	Monday-TuesdayFreshman Orientation
September	14	WednesdayFreshman Registration
September	15	Thursday
September	16	Friday, 7: 40 A. M
September	16	FridayCollege Charter Day
September	16	Friday, 9:30 A. MConvocation Exercises
October	22	Saturday
November	13	SundayFounders' Day
November	23	Wednesday, 12 NoonThanksgiving Recess Begins
November	28	Monday, 12 Noon
DECEMBER	16	Friday, 12 Noon
JANUARY	3	Tuesday, 12 Noon
JANUARY	19	ThursdayFirst Semester Ends
JANUARY	23	Monday
JANUARY	24	Tuesday
JANUARY	25	Wednesday, 7:40 A. M
March	23	Friday, Noon
APRIL	2	Monday, 12:00 Noon
MAY	12	Saturday
MAY	25	FridaySecond Semester Ends
M_{AY}	26	SaturdayAlumni Day
MAY	27	Sunday Baccalaureate Service
MAY	28	Monday, 10:00 A. MCommencement

1956

Summer Sessions

June	4	Monday, 8:00 A. MIntersession Begins
June	22	Friday, 12:00 NoonIntersession Ends
June	25	Monday, 8:00 A.MSummer Session Begins
JULY	4	WednesdayIndependence Day (No classes)
August	3	Friday, 12:00 NoonSummer Session Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900, for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- (a) That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- (b) That a man can give his best only when he keeps his mind as the master of his body.

- (c) That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- (d) That life in college calls for hard work and firmness of purpose.
- (e) That a college education is regarded not only as "preparation for life" but as life.
- (f) That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren, which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Among these are dancing, card playing and smoking. The use of alcoholic beverages is strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

In summary, it is the aim and purpose of Elizabethtown College to help every student to discover and appreciate that genuine Christian education will have the following characteristics:

Christian—patterned after the Master Teacher. Friendly—judging success by happiness and growth. Cooperative—emphasizing service above self. Democratic—based on human brotherhood. Thorough—producing capable leadership.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

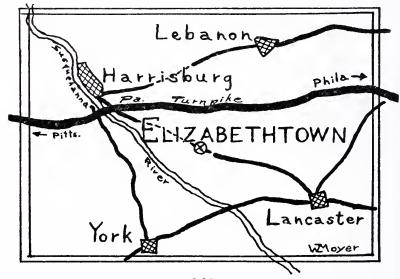
Location

Elizabethtown College is located in the southeastern section of Elizabethtown, Pennsylvania, midway between Lancaster and Harrisburg. The spacious campus borders upon the residential section of town on the north and west and reaches to the open fields on the east and south.

Elizabethtown, a borough in northwestern Lancaster County, has a population of 6,000. It is accessible by rail—on the main line of the Pennsylvania Railroad, by car—on Route 230 and 13 miles from the Harrisburg, East (Highspire) interchange of the Pennsylvania Turnpike, and by air—25 miles from the Harrisburg Airport. The borough is equidistant (approximately 18 miles) from three county seats: Lancaster, Lebanon, Harrisburg, and is 26 miles from York.

Elizabethtown is some 90 miles west of Philadelphia, 50 miles west of Reading, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college shares in the cultural life of its community. Many of its faculty members are leaders in community affairs, and students are welcomed in the many churches of the town.



Trustees of Elizabethtown College

Term	
Expire Decembe	es Eastern Pennsylvania
1955 1955 1955 1956 1956 1957 1957	S. Clyde Weaver East Petersburg, Pa. Howard A. Merkey
	Southern Pennsylvania
1956 1956	W. W. Leiter
	Nominated by the Alumni Association
1956	Cyrus G. Bucher, Secretary Biglerville, Pa. Horace E. Raffensperger Elizabethtown, Pa. Ethel M. B. Wenger Harrisburg, Pa.
	Nominated by the Board of Trustees
1955 1955 1955 1956	Paul M. GrubbElizabethtown, Pa.Jacob K. GarmanElizabethtown, Pa.J. Aldus RinehartWest Englewood, N. J.D. C. StambaughQueens, N. Y.Joseph N. CasselFairview Village, Pa.John F. SprenkelYork, Pa.S. S. WengerLancaster, Pa.
	Zzra Bucher is Treasurer of the Board of Trustees.
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T 337 T	Executive Committee
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	Finance Committee
Norman	W. W. Leiter K. Ezra Bucher John F. Sprenkel John F. Sprenkel
	Equipment Committee
JACOB L	S. CLYDE WEAVER JACOB K. GARMAN K. EZRA BUCHER PAUL M. GRUBB
	Chairman of the Board and the President of the College are ex-officions of all committees.
member	[7]

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College, 1938; Ed.M., Temple University, 1934; Ed.D., Temple University, 1937; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabetlitown College, 1911; A.B., Ursinus College, 1911; A.M., Ursinus College, 1912; Litt.D., Ursinus College, 1932; Student, Bethany Biblical Seminary: Graduate Student, Columbia University; University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., Pennsylvania State University, 1933; Ph.D., Pennsylvania State University, 1943.

FREDERICK C. NEUMANN

Professor of Language

Ph.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music—Piano, 1919; Voice, 1920; Peabody, 1920; Peahody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M.Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

ELMER B. HOOVER

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College, 1937; M.Ed., Pennsylvania State University, 1939; Graduate Student, Pennsylvania State University.

CARL E. HEILMAN

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University; Temple University.

EPHRAIM GIBBLE MEYER

Reference Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, 1921; A.B., Elizabethtown College, 1924; Student, American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Graduate Student, Columbia University, 1930; Graduate Student, Columbia University,

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

ALBERT L. GRAY, JR.

Associate Professor of Business Education

B.S., Drexel Institute of Technology, 1939; M.B.A., Boston University, 1940; Graduate Student, University of Pennsylvania.

K. EZRA BUCHER

Treasurer and Associate Professor of Business Education

B.S., Elizahethtown College, 1932; Student, Lehanon Valley College; M.S., New York University, 1936.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948; Graduate Student, Temple University.

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College, 1935; M.Ed., Pennsylvania State University, 1948; Graduate Student, Duke University.

Bessie D. Apgar Y

Assistant Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvania, 1934.

WILHELM REUNING

Assistant Professor History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Graduate Student, University of Pennsylvania.

ROBERT A. BYERLY

Assistant Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

ELLIOTT M. RUDWICK

Assistant Professor of Sociology

B.S., Temple University, 1949; A.M., University of Pennsylvania, 1950; Graduate Student, University of Pennsylvania.

ROBERT H. NEWALL

Assistant Professor of English

A.B., University of Pennsylvania, 1945; A.M., University of Pennsylvania, 1948; Graduate Student, University of Pennsylvania.

IRA R. HERR

Instructor in Physical Education and Director of Athletics

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

EMMA R. ENGLE V

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

ELINOR EASTLACK Y

Instructor in Business Education

B.S., Pennsylvania State University, 1945; M.Ed., Pennsylvania State University, 1949.

EDGAR T. BITTING

Instructor in Business

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

D. PAUL GREENE

Dean of Men and Instructor in History

A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

HUBERT M. CUSTER

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944.

WILBUR E. WEAVER

Business Manager

B.S., Elizabethtown College, 1937; M.Ed., Temple University, 1942.

DONALD P. SMITH

Instructor in Physical Education

B.S., University of Mississippi, 1950; Graduate Student, University of Mississippi.

H. RONALD ROUSE

Instructor in Mathematics

A.B., Vanderbilt University, 1950; Graduate Student, Vanderbilt University.

JUNE D. ULMER

Instructor in Physical Education

B.S., Millersville State Teachers College, 1953; M.Ed., University of Florida, 1954.

ERMA LEE HILL ROUSE

Instructor in Psychology

A.B., Oklahoma City University, 1947; M.S. in Social Science, University of Tennessee, 1953.

KATHRYN HERR

Part-time Instructor in French

A.B., Lebanon Valley College, 1925; Graduate Student, French Institute of Pennsylvania State University and Temple University.

ELINOR B. NEUMANN

Part-time Instructor in German and English

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

GALEN W. HERR

Director of Band and Orchestra

B.S. in Music, West Chester State Teachers' College, 1938.

CHARLES E. WEAVER

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

PHARES H. HERTZOG

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

THERESA FETTER

Part-time Instructor in Organ

B.M., Temple University, 1944; M.Mus., Philadelphia Musical Academy, 1946; Student, Westminster Choir College.

MILDRED GRUBB \

Part-time Instructor in Art

B.S., Kutztown State Teachers' College, 1953.

HENRY F. GINGRICH

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S.
Treasurer and Director, Development Program
WILBUR E. WEAVER, B.S., M.EdBusiness Manager
EBY C. ESPENSHADE, B.S., M.Ed Director of Admissions
VERA R. HACKMAN, A.B., A.M Dean of Women
D. Paul Greene, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M
ALICE S. HEILMAN, B.S., B.L.S
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M
ROBERT S. YOUNG
Jessie K. Cosner
GRACE ALLANDirector of Residence
Doris O. Lewis
J. Marlene Atkins Secretary to the Dean
Martha A. Farver Secretary to the Business Manager
RUTH MUMAW Secretary, Alumni Office
ERMA G. WITMER Secretary, Registrar's Office
RUTH H. MILLER Secretary, Development Office
Esther W. Rohrer Secretary, Business Office
J. Robert Hollinger
Ellen Howell Storekeeper
GRACE MUTZABAUGH, R.N
L. D. Rose, A.B., A.M Director, Brethren Historical Library [12]

Faculty Committees

- 1. Administration—A. C. Baugher, Henry G. Bucher, K. Ezra Bucher, Wilbur E. Weaver
- 2. Admissions—Eby C. Espenshade, Emma R. Engle, Henry G. Bucher, Vera R. Hackman, D. Paul Greene
- 3. Curricula and Instruction—Henry G. Bucher, Emma R. Engle, Charles S. Apgar, Robert A. Byerly, Albert L. Gray, Jr.
- 4. Counseling—Henry G. Bucher, Vera R. Hackman, D. Paul Greene, Eby C. Espenshade
- 5. Religious Activities—Robert A. Byerly, A. C. Baugher, Nevin W. Fisher, Nevin H. Zuck
- 6. Social Activities—Vera R. Hackman, D. Paul Greene, Edgar T. Bitting, Elinor Eastlack, Jessie K. Cosner, Grace Allan
- 7. Placement—Henry G. Bucher, O. F. Stambaugh, Eby C. Espenshade, Elmer B. Hoover, Albert L. Gray, Jr.
- 8. Publications—Administrative Committee, Alumni Secretary, Vera R. Hackman
- 9. Public Programs—Carl E. Heilman, Wilbur E. Weaver, Nevin W. Fisher, H. Ronald Rouse, Vera R. Hackman
- 10. Library—Alice S. Heilman, E. G. Meyer, Frederick C. Neumann, Wilhelm Reuning
- 11. Athletics—Administrative Committee, Ira R. Herr, Eby C. Espenshade, Donald P. Smith, June D. Ulmer, D. Paul Greene, Robert A. Byerly
- 12. Health—Donald P. Smith, June D. Ulmer, Wilbur E. Weaver, Charles E. Weaver, Dean of Men, Dean of Women, School Nurse

Academic Regulations

Admission of Students

The Committee on Admissions and Personnel attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of sixteen Carnegie units of secondary school work.

The requirements for admission to the freshman class are:

English3 units	
History and Social Studies 2 units	Mathematics2 units
Language units	

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Director of Admissions for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

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Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A grade of "B" or above must be made in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

- (a) Science
- (b) Education
- (c) Business

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Students must attain a grade of "C" or better in their major field during the first two years.

Majors for A.B. in Liberal Arts

English—English, eighteen to twenty-four hours exclusive of English Composition.

History and Political Science—History and Political Science, eighteen to twenty-four hours, exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours.

Bible and Philosophy-Eighteen to twenty-four hours.

Mathematics—Eighteen to twenty-four hours.

Sociology—Eighteen to twenty-four hours.

Music—A major of eighteen to twenty-four hours with a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

Social Studies—History and at least one course in Economics, Sociology and Political Science—eighteen to twenty-four hours exclusive of History 10a-b.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—Twenty-four semester hours beyond Chemistry 10a-b.

Majors for B.S. in Business

Accounting—Twenty-four hours.

Business Administration (see curriculum).

Business Education (see curriculum).

Secretarial Science (see curriculum).

B.S. in Education

Students entering teaching: Elementary education (see curriculum); Secondary education, 18 semester hours in a field required for certification; Business education (see curriculum). For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of eighteen semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The

unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Academic Requirements

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five quality point deficiency occurs, the dean will call the student for a conference.

A student who, at the close of any semester, fails to attain a cumulative quality point-credit ratio according to the following graduated scale is placed on academic probation: throughout the freshmen year, 0.700; by the beginning of the sophomore year, 0.800; by the beginning of the junior year, 0.900; and by the beginning of the senior year, 1.000. A student on academic probation may be requested to withdraw from college anytime the Committees on Counseling and Admissions so decide after a consideration of the student's over-all situation.

A student who, at the close of any semester, has a quality point-credit ratio below 1.00 shall not be permitted to carry more than 15 semester hours, and below 2.00, more than 18 semester hours of college work. No student shall be permitted to carry more than 20 semester hours of college work in any one semester.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 100 semester hours and 100 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 1. Quality points are determined as follows:

Grade	Quality Points per s. h.
Α	
В	 2
С	
D	 0
F	1

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated the year of his admission.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education and Secretarial Science in which 136 semester hours are required.

An equivalent of six semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna

cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

To be eligible for honors, a graduate must have an academic average of not less than 2.5 and must have earned not less than 60 semester hours credit at Elizabethtown College. Only grades earned at Elizabethtown College will be used in determining the honor.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in each course will be reported to the Committee on Instruction.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

The faculty Committee on Instruction administers the regulations concerning absences.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and L	iterature	8–12	S.	H.
Philosophy		4- 6	S.	H.

At least two of the following:

History of Philosophy	3	S.	H.
Ethics		S.	H.
History	4- 6	S.	H.
Psychology	2- 3	S.	H.

At least one of the following:

Latin French German	12-16 S. H.
Spanish J Natural Sciences—Physical or Biological	4- 6 S. H.
Social Sciences	4-6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of oportunities for practical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

Freshman Year	Semester 1st Sem.	r hours 2d Sem.
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education*	3 2 2 3 3 2 1	3 2 2 3 3 3 2
Total	16	16
Sophomore Year		
Survey of English Literature Modern European History Language Economics or Sociology Science Electives †	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
Literature History of the United States and Pennsylvania Speech Bible Electives* Education*	2 3 2 9	2 3 2 9
Economics History Language Sociology		
Total	16	16
Senior Year		
Introduction to Philosophy Ethics American Government Electives † Bible Education †	3 12–14	3 3 9–11
English History and Political Science Sociology		
Total	15–17	15–17

^{*}Two years Physical Education are required.
† Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

Bachelor of Science in Science

This course which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.
1.1 4 4 4 4 1	

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3- 6 S. H.
Adv. math., including algebra and trigonometry.	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five-year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than the Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-years' course in the School of Forestry, Duke University.

The curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

The curriculum preparing students for medical technology in cooperation with the Lancaster General Hospital and St. Joseph's Hospital, Lancaster, Pennsylvania, has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Requirements for the B.S. Degree in Science

	Semesto	r hour
Freshman Ycar	1st Sem.	2d Sem.
English Composition History of Civilization Language Chemistry Mathematics General Psychology	3 2 3 4 3 2	3 2 3 4 3 2
Total	17	17
Sophomore Year		
Survey of English Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
History of the United States and Pennsylvania Speech Science or Mathematics Bible Electives * Education * Language Mathematics Science Sociology	3 2 3–4 2 6	3 3–4 2 8
Total	16–17	16–17
Senior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Physical Education Electives * Education * History and Political Science Mathematics Science Sociology	3 2 1 6	3 3 3 1 5
Total	15	15

^{*} See footnote on page 22.

Requirements for the B.S. Degree in Science Major in Chemistry

	Semeste	
Freshman Year	1st Sem.	2d Sem.
English Composition	3	3
General Inorganic Chemistry	4	4
First Year German	3	3
Mathematics	3	3
Physical Education	$\frac{1}{4}$	1 4
Electives	4	4
Total	18	18
Sophomore Year	_	
Qualitative Analysis	5	-
Quantitative Analysis	2	5 3
Second Year German	3	3
Mathematics General Physics	4	4
Physical Education	1	1
Electives	2	2
Total	18	18
Junior Year		
Organic Chemistry	4	4
Advanced Quantitative Analysis	4	5
Mathematics	3	3
Advanced Physics	4	4
Electives	6	4
Total	17	17
C . 17		
Senior Year		
Physical Chemistry	4	4
Qualitative Organic Analysis	4	4
Problems in Organic Chemistry Electives	9	9
Electives		
Total	17	17
Electives:		
Group I		
English Literature		6
Bible History of U. S. and Pa.		4 6
	• • • • •	U
Group II		
Psychology		
Philosophy		
Sociology Econnics		
Ethics		
Dillics		
Total		10

Group I Electives are required.
Group II Electives must total ten credits.
Other Electives may be selected with approval of the adviser.
Students whose interest lies in the field of Biology may substitute courses in Advanced Biology for Advanced Physics.

Requirements for the Degree of B.S. in Engineering and A.B. in Liberal Arts

Freshman Year	Semester 1st Sem.	hours 2d Sem.
College Algebra Trigonometry English Composition History of Civilization Chemistry Drawing & Descriptive Geometry Physical Education Analytical Geometry Electives	3 3 2 4 2 1	3 2 4 2 1 3 3
Total	18	18
Sophomore Year		
Mechanics Differential Calculus General Psychology Physical Education Language * Literature Electives Heat and Sound Integral Calculus	4 3 2 1 3 3 2	2 1 3 3 2 4 3
Total	18	18
Junior Year		
Electricity and Magnetism Intermediate Calculus Speech Statics Economics Religion † Optics Dynamics History Differential Equations	4 3 2 3 3 2	3 2 4 3 3 3
Total	17	18

The fourth and fifth years must be satisfactorily completed in the field of engineering at Pennsylvania State University. Upon successfully completing the five-year program the student will be eligible to receive an A.B. Degree from Elizabethtown College and a B.S. from the Pennsylvania State University in the field of engineering which he pursues.

† This course to be selected in agreement with the adviser.

^{*}The language may be either French, Spanish, or German. It should follow the same language taken in high school.

Requirements for the Degree of B.S. in Forestry

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition History of Civilization	3 2	3 2
General Psychology Mathematics General Chemistry	2 2 3 4 2	2 2 3 4 2
Bible Physical Education	2	2
Total	17	17
Sophomore Year		
English Literature General Biology Language	3 4 3 3 3	3 4 3 3 3
Economics Modern European History Physical Education	3 3 1	3 3 1
Total	17	17
Junior Year		
General Physics	4	4
Language	4 3 3 3	4 3 3
History of the United States and Pennsylvania	3	3
Sociology	3	
Plant Biology	3	4
Ethics	1	3
Total	17	17

Summer following Junior Year, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. degree in Science in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

Freshman Year	Semester 1st Sem.	hours 2d Sem.
General Chemistry General Biology English Composition College Algebra	4 4 3 3	4 4 3
Trigonometry General Psychology Physical Education	2	3 2 1
Total	17	17
Sophomore Year		
Qualitative Analysis Quantitative Analysis Histological Technique Microbiology	5 4	5
Bible English History of Civilization Physical Education	2 3 2 1	2 3 2 1
Total	17	17
Junior Year		
Introduction to Philosophy Ethics Physics Organic Chemistry History of the U. S. and Pennsylvania American Government	3 4 4 3	3 4 4 3 3
Electives	3	<u> </u>
Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Program of Nursing

Need

For a number of years, especially the last decade, an urgent need for trained nurses has existed. According to present indications the need will continue in terms of an ever increasing demand for nurses. This need is readily understood in the light of the great expansion of hospital services to the general population of civilians as well as the great expansion necessitated by war conditions of recent and present times.

Consequently, a constant concern for a sufficient supply of applicants, largely drawn from the ranks of girls being graduated annually from the high schools, is felt by the various institutions calling for such services.

Opportunity

It is at once apparent that excellent opportunities for girls to pursue a most worthy and humanitarian service in the profession of nursing are offered to such who may have either a temporary or a career interest in this type of service. Inasmuch as many institutions may from time to time be understaffed, the prospective student may be assured that the demand for nurses will be extended indefinitely and may never reach the point where supply will reach the demand.

Purpose of the Program

Elizabethtown College offers a program designed to help meet this social service need. The purpose of the program proposed by the college is to cooperate with the program of accredited hospitals which offer state-approved courses of nurses' training leading to an R.N. by providing the liberal arts and science courses that will extend the education of the graduate nurse. This would in an additional two years entitle the candidate to a Bachelor of Science degree in Nursing.

Furthermore, it is the purpose of such a program to prepare nurses for greater opportunities and for more responsible positions. This should greatly enhance their personal qualifications for effective service.

The Plan

Applicants for admission to this new program must meet admission requirements of both the hospital and the college.

The first two years of the five-year plan shall be spent in Elizabethtown College. The last three years shall be continued in resi-

dence at the cooperating hospital in pursuit of the regularly prescribed nursing curriculum.

Graduate nurses having completed nurses' training before entering college shall receive full consideration for admission to college upon satisfying admission requirements.

In such cases the amount of college work required shall be dependent upon the time when the training was pursued and the adequacy of the program pursued. Recent graduates of nurses' training schools may hope to complete the college course in two years as prescribed below.

Requirements for the Degree of B.S. in Nursing

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Chemistry General Biology Introduction to Sociology	3 4 4 3	3 4 4
Social Problems General Psychology History of Civilization	2 2	3 2 2
Total	18	18
Sophomore Year		
History of the United States and Pennsylvania	3 3 3	3 3
American Government Survey of Biblical History Experimental Psychology or Social Psychology	2 3 3	3 2
College Algebra or Basic Mathematics Ethics	1	3 1 3
Total	18	18

At the end of five years, upon the satisfactory completion of the two-year college course and the three-year nursing course and the passing of the State Board Examination for the R.N. degree, the student will be eligible for the degree of Bachelor of Science in Nursing to be conferred by the College.

Following is a list of the course areas given in theory and clinical experience during the student's three years in the school of nursing of the cooperating hospital.

- I. Biological and Physical Sciences, including anatomy, physiology, microbiology, and chemistry.
- II. Social Sciences, including psychology, sociology, social problems in nursing service, history of nursing, professional adjustments, and social aspects of family health.
- III. Medical Science, including pharmacology and therapeutics.
- IV. Nursing and Allied Arts, including nursing arts, nutrition, foods and cookery, diet therapy, medical and surgical nursing, obstetrics, nursing of children, and psychiatric nursing.

The minimum number of hours in the specific courses in the curriculum is prescribed by the Pennsylvania State Board of Nurse Examiners.

The Schools of Nursing are approved by the Pennsylvania State Board of Nurse Examiners, and are accredited by the National League for Nursing. The hospitals are approved by the American Hospital Association, the American College of Surgeons and the American Medical Association.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Secondary Education

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 semester hours including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.

Elementary Education	Educational Sociology	
Special Methods	History of Education	
Hygiene	Principles of Education	
Visua	1 Education	
Practice Teaching in the appropria	te field	6 S. H.

Educational Measurements

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Requirements for the Degree of B.S. in Education

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
English Composition Bible History of Civilization General Psychology Introduction to Education Physical Education	3 2 2 2 2	3 2 2 3 1
Alternatives-Either A or B		
A. For Elementary Field * Music Fundamentals Physical Science Teaching of English Teaching of Geography	2 3 3	2
B. For Secondary Field (any two subjects)		
Science†	4 3 3	4 3 3
Total	16–17	15–17
Sophomore Year		
Survey of English Literature Bible Physical Education	3 2 1	3
Alternatives—Either A or B A. For Elementary Field*		
Curriculum in Arithmetic Public School Music Child Psychology Teaching of Health and Hygiene Teaching of Public School Art General Biology	2 2 2 4	3 3 2 2 4
B. For Secondary Field (elect from fields of interest)		
Modern European History Biology, Chemistry, or Physics Mathematics Languages Principles of Economics Sociology	3 4 3 3 3 3	3 4 3 3 3 3
Total	17	15–17

^{*} Students who elect the Elementary Field are required to take the courses as listed.
† Required for a degree.

History of the United States and Pennsylvania Educational Psychology Educational Measurements Sociology Speech Visual Education Physical Education	Semeste 1st Sem. 3 3 2	r hours 2d Sem. 3
Alternatives—Either A or B A. For Elementary Field * Children's Literature Curriculum in Science Teaching of Reading Electives	3 2	3 3 3
B. For Secondary Field Principles and Practices of Secondary Education Others selected from field in which student expects to teach.	3	3
Total	17	17
Scnior Year		
Introduction to Philosophy Ethics American Government History of Education Bible Alternatives—Either A or B	3	3 3 2
A. For Elementary Field *		
Principles of Elementary Education	2 8 2	
B. For Secondary Field		
Practice Teaching Practicum Electives	8 2	6
Total	13–15	17

^{*} Students who elect the Elementary Field are required to take the courses as listed.

Department of Business

The Department of Business offers the following courses:

Business Administration Business Education—Teaching Secretarial Science

Four-year degree course in secretarial science Two-year certificate course in secretarial science Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
Forthel Comments		
English Composition	3	3
Survey of Biblical History	2	2
Principles of Accounting	3	3
History of Civilization	2	2
Basic Mathematics or College Algebra	3	
Mathematics of Business		3
General Psychology	2	2
Physical Education	1	1
•	-	-
Total	16	16
Sophomore Year		
Survey of English Literature	3	3
Corporation Accounting	3	· ·
Cost Accounting	J	3
9	4	4
		3
Principles of Economics	3	3
Introduction to Sociology	3	
Physical Education	1	1
Electives		3
Total	17	17
Junior Year		
	_	_
Business Law	3	3
Money and Banking	3	
Corporation Finance		3
History of the United States and Pennsylvania	3	3
Human and Economic Geography	3	3
Bible		3 2
Electives	3	3
Total	15	17
Senior Year		
Business Statistics	3	3
American Government		3
Ethics		3
Personnel Administration	3	
Industrial & Labor Relations	-	3
Electives	9	3
LICCUITCS		_
Total	15	15

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3 S. H.
Education Psychology	3 S.H.
Professional Methods	6 S.H.
Practice Teaching in Business Education	6 S.H.
History of the U. S. & Pennsylvania	3 S. H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S.H.
Commercial Law	6 S.H.
Commercial Arithmetic	3 S.H.
Office Practice	3 S. H.
Salesmanship	3 S. H.
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	3 S. H.
Economics	6 S. H.
Retail Selling	12 S. H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

	35 <u>- 44</u>	cutio.
Freshman Year	Semeste 1st Sem.	er hour 2d Sem.
English Composition Basic Mathematics or College Algebra Mathematics of Business	3 3	3
Science Principles of Accounting Survey of Biblical History General Psychology Physical Education	4 3 2 2 1	3 3 2 2 1
Total	18	18
Sophomore Year		
Survey of English Literature Corporation Accounting Cost Accounting Elementary Gregg Shorthand* Elementary Typewriting* Principles of Economics Introduction to Education Bible Physical Education	3 3 3 2 3 2 1	3 3 3 2 3 3 3
Total	17	18
Junior Year		
History of the United States and Pennsylvania Advanced Gregg Shorthand Advanced Typewriting Business Law Business Correspondence Office Machine Practice Secretarial Office Practice Educational Psychology	3 3 2 3 2 3	3 3 3 2
Electives	2	3
Total	18	17
Senior Year		
Practice Teaching Professional Practicum and School Law Introduction to Philosophy Methods of Business Education Ethics Visual Education American Government Electives	8 2 3 3	3 2 3 6
Total	16	14

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

All too often the word "secretary" has in the case of a partially trained person meant one who simply transcribes and allows office work to become a monotonous routine. But, on the contrary, a secretary who has adequate cultural, social-business as well as technical training, and who has a vital, gripping interest in what is happening in this complex world has an unexcelled opportunity to become a trusted confidential associate in business.

The demand for properly qualified male stenographers and secretaries is definitely on the increase. Many splendid opportunities for employment await properly trained young men who wish to make stenographic work either their life work, or wish to use it as a stepping stone.

The basic purpose of the curriculum in secretarial science is to provide a thorough cultural and technical training. With the proper choice of electives the first two years may be arranged so that after the completion of two years of work, a student can complete a four-year curriculum without loss of credit in either Business Administration or Business Education, but at the same time receive adequate training in necessary skills for employment at the end of the two-year period.

Those students desiring to complete a four-year course in secretarial science for a B.S. degree are required to take the following courses:

Science	
Mathematics	6 S. H.
Business Administration	
History or Sociology	9 S. H.

Requirements for the Degree of B.S. in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
General Psychology	2	2
Elementary Gregg Shorthand *		3
Typewriting *	3 2	2
Accounting for Secretaries	3	3
Basic Mathematics or College Algebra	3	
Mathematics of Business	9	3
Physical Education	1	1
Thysical Education		
Total	17	17
	••	
Sophomore Year		
Survey of English Literature	3	3
Science	4	4
Advanced Gregg Shorthand	3	3
Office Machine Practice	2	
Typewriting	2	
Business Correspondence	-	3
Principles of Economics	3	3
Timelples of Economics		
Total	17	16
Junior Year		
History of United States and Pennsylvania	3	3
	3	3
Human and Economic Geography	3	3
Business Law	3	2
Bible	2 2	2
Speech		_
Electives	3	5
Total	16	<u>16</u>
Senior Year		
Introduction to Philosophy	3	
Ethics	•	3
American Government		3
Bible	2	·
Secretarial Office Practice	-	2
Electives	9	7
THECHIVES	_	
Total	14	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Requirements for the Two-Year Course in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Elementary Gregg Shorthand *	3	3
Elementary Typewriting *	2	2
Accounting for Secretaries	3	3
General Psychology		2
Bible	2 2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Advanced Gregg Shorthand	3	3
Advanced Typewriting	2	
Business Correspondence		3
Secretarial Office Practice		2
Office Machine Practice	2	
Introduction to Economics	3	
Basic Mathematics or Algebra	3	
Mathematics of Business		3
Electives		3
Total	16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

	Semeste	er hour:
Freshman Year	1st Sem.	2d Sem.
English Composition	3	3
Elementary Gregg Shorthand *	3	3
Typewriting *	2	2
Elementary College Chemistry	4	4
General Biology	4	4
Medical Secretarial Techniques	2	2
Total	18	18
Sophomore Year		
Secretarial Office Practice		2
Office Machine Practice	2	
Bible	2	2
Advanced Typewriting	2 2 3	
Advanced Gregg Shorthand	3	
Business Correspondence		3
General Psychology	2	2
Accounting for Secretaries	3 3	3
Office Nursing and Laboratory Techniques	3	
Physical Education	1	1
Medical Shorthand		2
Total	18	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	3
Educational Psychology	3
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts a three-week Intersession and six-week Summer Session.

The Intersession is organized for students who cannot arrange for a six-week Summer Session, and for students who for urgent reasons must devote practically the entire summer to study. During the short session a student may enroll for one three-semester-hour course. The Intersession closes in time for students to enter the regular Summer Session either at Elizabethtown or at some other institution. It is possible to earn nine semester hours of credit toward a degree by attending both sessions.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such parttime campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

ASSISTANT PROFESSOR BYERLY AND MISS MARTIN

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

2 credits

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week

2 credits

31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

40a The Christian Faith—This is an introduction to the basic Biblical doctrines of the Christian religion. The central doctrines of the Bible are studied such as God, man, sin, Christ and the Church.

Three hours per week Prerequisite 10ab 3 credits

B. Christian Education

10a Principles and Administration of Christian Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in Christian Education—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours ber week

Biology

Professor Charles Apgar, Assistant Professor Bessie Apgar, and Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week

Laboratory fee, \$5.00 per semester 8 credits

Medical Secretarial Techniques—(See Secretarial Science 15ab).

Office Nursing and Laboratory Techniques—(See Secretarial Science 28a).

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week

Prerequisite: Biology 10a-b

4 credits

30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week

4 credits

31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30a

Two hours recitation and a minimum of two hours laboratory per week

3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequiiste: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week
4 credits

42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principle organs of the body, and the histological differentiation of the tissues.

Laboratory fec, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week
4 credits

43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fcc, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

43b Histology—The study of cells as organized into the tissues and organs of representatives vertebrates.

Prerequisite: Biology 31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory

3 credits

48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professor Gray, Professor Bucher, Miss Eastlack, Mr. Bitting and Mr. Gingrich

Accounting

10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and bookkeeping for service type businesses and professional employers.

Two hours lecture and two hours laboratory per week

6 credits

11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week

6 credits

21a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

21b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

31a Intermediate Accounting—Various methods of closing the accounting books are studied. Further discussions follow on proprietorship and corporation accounts with a view to showing the variations of accounting methods which the accountants use. Other topics covered include analysis of statements, corrections, clean surplus theory and application of funds.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 eredits

31b Advanced Accounting—Main emphasis is placed on accounting for parent and subsidiary relationships, consolidated statements, estate accounting, trusts, home office and branches, installments, insurance and foreign exchange.

Prerequisite: Aecounting 31a

Two hours lecture and two hours laboratory per week

3 eredits

41a Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analysis and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Aecounting 21b

Two hours lecture and two hours laboratory per week

3 eredits

41b Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 eredits

45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Accounting 21a and 21b

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest,

chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

6 credits

21a Introduction to Economics—A beginning course in the principles and problems of economics including discussions on production, monopoly, money, banking, supply and demand, distribution, and national fiscal policy. This course is offered to meet the needs of students in education, liberal arts and secretarial science.

Three hours per week

3 credits

30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

38a Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

Economic History of the United States—(See History 31a).

42a Salesmanship—This course deals with the principles of personal salesmanship including: preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

43b Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the stu-

dent to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Three hours per week

3 credits

46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Three hours per week

3 credits

47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievances, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

49a Social Economics—This course discusses, in the light of modern standards, welfare economics, social insurance, poverty, and government regulation of business.

Prerequisite: Principles of Economics 20a-b

Three hours per week

3 credits

49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such problems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: Principles of Economics 20a-b

Three hours per week

Secretarial Science and Business Education

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulations, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$7.50 per semester

Four hours per week

4 credits

15ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient, useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical ethics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms.

Two hours per week

4 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

One hour lecture and two hours laboratory

25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: Typewriting 12ab or permission of the instructor

Four hours laboratory per week

2 credits

26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester

Prerequisite: Elementary Gregg Shorthand 10ab

Two hours per week

2 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

28a Office Nursing and Laboratory Technique—This course is designed to acquaint the student with the nursing problems found in a physician's office and with clinical laboratory methods. Instruction is given in medical history taking, preparation for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Urinalysis and blood counting are taught as well as the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar.

Fee: \$8.00

Hours per week: Two hours lecture and two hours laboratory 3 credits

Chemistry and Geology

Professor Stambaugh and Professor Baugher

10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students

who will continue with further courses in chemistry, or those who desire a more rigorous course than Chemistry 15a-b.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week

8 credits

15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in content. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and two hours laboratory per week 8 credits

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week

5 credits

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fce, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week 5 credits

Offered 1955-1956

44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory fee. \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week 8 eredit.

Offered 1955-1956

45a Qualitative Organic Analysis—A study is made of the properties of functional groups of organic compounds. Application of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$10.00

Prerequisite: Chemistry 30a-b

Two hours recitation and eight hours laboratory per week

4 credits

46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$10.00

Prerequisite: Chemistry 44a

Two hours recitation and conference and ten hours laboratory per week

4 credits

12b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per weck

4 credits

Offered 1956-1957

Education

PROFESSORS BUCHER AND FISHER, ASSOCIATE PROFESSOR HOOVER,
MISS ULMER AND MISS GRUBB

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

14b Teaching of English—This course includes a study of the objectives, content, and methods of teaching the language arts in the elementary grades. Workbooks and textbooks are studied and evaluated. Opportunity is given for the construction of a course of study in Elementary English. Teaching of poetry and other literature for appreciation is also stressed.

Three hours per week

3 credits

Offered 1956-1957

15a Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

3 credits

21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week

3 credits

Offered 1955-1956

23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of 13ab, Music Fundamentals. To be taken in the freshman or sophomore year

Two hours per week

25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31ab Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the

schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours per week

2 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35ab Teaching of Reading—This course includes aims, materials, and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied and evaluated. Projects, activities, units, and demonstrations are utilized. Special attention is given to the development of reading interests, tastes, prevention of reading disability as well as diagnostic and remedial measures. Basic and supplementary textbooks are reviewed and evaluated.

Three hours per week

6 credits

Offered 1955-1956

36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee. \$2.00

Three hours per week

39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours ber week

3 credits

40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

41a Principles of Elementary Education-This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Professional Practicum Including School Law-This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Two hours per week

2 credits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the first eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week.

Prerequisites: Secondary-31ab and 42a Elementary-35ab and 42a

(The student teacher is required to provide for his own transportation)

Fee, \$40.00

Eight hours per week

8 credits

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week 3 eredits

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week

3 credits

Offered 1956-1957

48a Teaching Physical Education in the Elementary School—This course is concerned with the program of physical education activities for the elementary school. It includes a study of small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

Two hours lecture and two hours laboratory per week

3 credits

49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied. Three hours per week 3 credits

English

PROFESSOR SCHLOSSER, ASSOCIATE PROFESSOR HACKMAN, ASSISTANT PROFESSOR NEWALL, MRS. HEILMAN AND MISS ENGLE

10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for Etownian staff members, and for prospective teachers who may need a knowledge of school publication procedures. Three hours ber week

The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Three hours per week

3 credits

Offered 1956-1957

31b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Three hours per week Offered 1956-1957

3 credits

32a American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Three hours per week Offered 1955-1956

3 credits

33b Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Three hours per week Offered 1955-1956

3 credits

34a The English Novel-A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Two hours per week Offered 1955-1956

2 credits

36b The English Essay-The study of a comprehensive collection of essays, both British and American, including translations from other literatures to illustrate the beginnings of the essay, The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Two hours per week Offered 1955-1956

36a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied. Three hours per week

3 credits
Offered 1956-1957

37b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Three hours per week

3 credits

Offered 1956-1957

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00 Three hours per week Open only to Juniors and Seniors

3 credits

40ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Two hours per week
Offered 1955-1956

4 credits

41ab World Literature—A study of a selected group of literary masterpieces that have a relation to Western culture.

Two hours per week
Offered 1956-1957

4 credits

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Two hours per week

4 credits

Offered 1956-1957

43a Chaucer—This course takes up a study of the Canterbury Tales, Troilus and Criseyde and some minor poems.

Three hours per week Offered 1955-1956

3 credits

44b Early English Drama—The drama from the beginning to the time of Shakespeare is reviewed. A study is made of the miracle and morality plays and of the chief pre-Shakespearian dramatists.

Three hours per week Offered 1955-1956

3 credits

45b English Workshop—Designed for secondary school teachers, the workshop is organized to meet the requests of the members of the group. Methods and procedures for vitalized teaching of English fundamentals are considered as well as procedures for dramatics, speech activities, student publications, and class projects.

Three hours per week

3 credits

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Esperanto *

10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all, conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week

3 credits

Offered 1955-1956

French

10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading and dictation are stressed. Does not count toward a major in French.

Three hours per week

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

20ab Second Year French-This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

31ab Eighteenth Century French Literature-A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

40ab Nineteenth Century French Literature—Mme. de Staël, Chateaubriand, Hugo, Lamartine, Balzac, Flaubert, Leconte de Lisle, Sully Prudhomme, Daudet, Zola, Renan, Taine, Sainte-Beauve and several twentieth century authors are given special attention.

Three hours ber week

6 credits

41ab French Conversation and Advanced Composition-This course is open to advanced students of French, and is especially recommended for prospective teachers. Attention will be given to the practical application of modern language methodology to specific cases as well as practice in conversation and prose composition.

(Offered if demand warrants)

Three hours per week

6 credits

German

10a-b First Year German-Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German-This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

30ab Third Year German-Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week

31ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, and Schiller.

Three hours per week

6 credits

40ab German Literature Since Goethe—The works of Heine, Grillparzer, Freytag, and Hauptmann will receive particular attention.

Three hours per week

6 credits

Greek

10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Assistant Professor Reuning and Mr. Greene

A. History

10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

(Required of all Freshmen in both semesters)

Two hours per week

20ab History of Modern Europe—This course offers a survey of the development of modern Europe from 1500 to the present day. Stress will be placed on the long-range political, economic, social, and intellectual movements. These various factors will be integrated to show how they affect European history.

(Either semester may be taken for eredit)

Three hours per week

6 eredits

Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania—This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

6 credits

31a Economic History of the United States—This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions.

Three hours per week

3 eredits

Prerequisite: History 30ab

Offered 1955-1956

Teaching of the Social Studies—(See Education 36a).

40ab Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States.

Prerequisite: History 30ab

Two hours per week
Offered 1956-1957

4 eredits

43a Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period since 1914. Political, diplomatic, economic, and social aspects of recent history provide the fundamentals for this course. The work will be centered around European and world wide developments.

Three hours per week

3 eredits

Offered 1956-1957

44b Medieval History—This course is to be a survey of the History of Europe from 300 A. D.-1500 A. D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East.

Considerable stress will be given to the development of the Catholic Church, Christian Thought and Philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week

3 credits

Offered 1955-1956

B. Political Science

40a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week

3 credits

Offered 1955-1956

41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government.

Three hours per week

3 credits

42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy.

Two hours per week
Offered 1956-1957

2 credits

Mathematics

Associate Professor Heilman and Mr. Rouse

10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

Prerequisite: Two years of high school mathematics or Mathematics 10a

^{*} Does not count toward a major.

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

3 credits

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

Prerequisite: High school Plane Geometry

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisite: Mathematics 20a

Three hours per week

3 credits

23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—(See Education 25b).

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Mathematics 30a

Three hours per week

3 credits

32a or b Differential Equations—This course includes the solution of ordinary differential equations, covering first and second order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Mathematics 30a

Three hours per week

3 credits

41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Knowledge of Algebra and Trigonometry. Laboratory fee \$2.00

Three hours per week

3 credits

42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, MRS. FETTER, AND MR. HERR

The student who majors in music may work out a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance. (See Music under Majors for A.B. in Liberal Arts—page 15.)

- (a) The student concentrating in Music History and Theory is required to take Music History and Appreciation (4 credits), Music Fundamentals (4 credits), Harmony (4 credits), Applied Music (4 credits), and Ensemble (2 credits).
- (b) The student concentrating in Church Music is required to take Church Music (4 credits), Music Fundamentals (4 credits), Music History and Appreciation (4 credits), and Vocal Ensemble (2 credits).
- (c) The student concentrating in Musical Performance is required to take Applied Music (8 credits, 4 of which shall be in the same branch), Music Fundamentals (4 credits), Harmony (4 credits), Ensemble (2 credits), and to present a satisfactory recital in one or more branches of applied music in the senior year.

Students other than those majoring in music may elect 20 semester hours of credit in music toward the A.B. degree. If credit in excess of 2 semester hours is desired for Applied Music, this credit shall be accompanied by an equal number of semester hours in Theory, History and Appreciation, or

Church Music. A maximum of 8 semester hours in Ensemble music may be applied towards the A.B. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a selection such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the following pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during

registration week.

A. Theory of Music

13a-b Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester, scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semester of 13ab, Music Fundamentals

Two hours per week

4 credits

Offered 1956-1957

Public School Music—(See Education 23a).

B. History and Appreciation of Music

32ab History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week Offered 1955-1956

C. Church Music

42ab Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week

4 credits

Offered 1956-1957

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range, quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

E. Ensemble

(No tuition charge. No credit unless attendance is satisfactory, and unless participation extends over the entire school year.)

A Cappella Choir

Three hours per week (two rehearsals)

2 credits

Band or Orchestra

One hour per week

College Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Chapel Choir

Rehearsals by special appointment

No credit

(Personnel changes several times during the year.)

Philosophy

Professor Schlosser

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Psychology

PROFESSOR BUCHER, ASSISTANT PROFESSOR RUDWICK, AND MRS. ROUSE

10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people.

Two hours per week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week Laboratory fee, \$3.00

22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

3 credits

36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Three hours per week

3 credits

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week
Offered 1955-1956

3 credits

Physical Education and Health

MR. HERR, MR. SMITH, AND MISS ULMER

10ab Physical Education—This course aims to promote proper habits in the care of the body. Required of freshmen.

Two hours per week

2 credits

20ab Physical Education—This course calls for two hours a week in open air or gymnastic work. Required of sophomores.

Two hours per week 2 credits

Teaching of Health and Hygiene—(See Education 26ab).

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

Physics

Mr. Custer and Mr. Hertzog

10b Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meterology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students. Laboratory fee, \$200

Three hours per week

3 credits

12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

The student is expected to provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed during the first semester.

Three hours recitation and four hours laboratory per week

6 credits

Laboratory fee: \$10.00 per semester

17a-b Drawing and Descriptive Geometry—The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments.

One hour lecture and five hours laboratory per week

4 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b

Laboratory fee, \$7.50 per semester

Three hours recitation and two hours laboratory per week

8 credits

Courses 21a, 22b, 30a, 31b form a unified course in Physics, and they are intended for those wishing an intensive and complete covering of Physics. Students majoring in Chemistry or Mathematics should, if possible, plan to take these courses. The mathematical approach will be used.

21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Mathematics 21b (or concurrently)

Three hours recitation and two hours laboratory per week

4 credits

Laboratory fee: \$7.50 per semester

22b Heat and Sound—The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Physics 21a and Mathematics 30a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee: \$7.50 per semester

30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohms Law, Kirchhoffs Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism, alternating currents, radiation, and electronics.

Prerequisite: Physics 22b

Three hours recitation and two hours laboratory per week

4 credits

Laboratory fee: \$7.50 per semester

31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Physics 30a

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee: \$7.50 per semester

40a Statics—This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisite: Mathematics 30a and Physics 21a

Three hours per week

3 credits

41b Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Physics 40a

Three hours recitation and two hours laboratory per week

Sociology

Assistant Professor Rudwick

10a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

Prerequisite: 10a
Offered 1956-1957

21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per week Prerequisite: 10a 3 credits

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week Prerequisite: 10a 3 credits

Offered 1955-1956

32b Urban Sociology—The present basic social patterns which have emanated from modern urban culture are traced and analyzed.

Three hours per week 3 credits

40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Prerequisite: 10a
Offered 1956-1957

41b Community Organization—The structure and function of the community is studied together with an analysis of the indi-

vidual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: 10a
Offered 1955-1956

42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week

3 credits

Prerequisite: 10a **Offered 1955-1956**

43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week

3 credits

Prerequisite: 10a

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas, and Easter vacations. This fee amounts to \$925.00.

Day Students

The expenses for a student attending College from his own home are \$500.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of College	\$231.25	\$125.00
On or before December 1	231.25	125.00
On or before February 1	231.25	125.00
On or before April 1	231.25	125.00

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

The tuition charge for less than 10 and more than 18 hours per week is \$13.50 per semester hour when students take work with regular classes. Whenever choir, glee club, and orchestra increases the student's number of semester hours beyond the maximum number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

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^{*} This charge does not include the accident insurance premium required of all students. See page 90.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing. For examinations not taken on regularly scheduled dates, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$7.50 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$10.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance	Per Cent of	
from date of enrollment	Quarters Charge	
Less than 2 weeks	25%	
Between 2 and 4 weeks	50%	
Between 4 and 6 weeks	75%	
Between 6 and 8 weeks	100%	

General Expense Information

The cost of one lesson per week in piano, voice or organ is \$24.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

Scholarships

Elizabethtown College Scholarships

The Elizabethtown College Scholarships range in value from \$600.00 to \$1000.00 distributed over four academic years. A student to be eligible must be graduated in the highest fifth of his class.

A \$600.00 scholarship, available at the rate of \$150.00 per year, is awarded to students who are graduated in the upper fifth of their classes.

If the student ranks in the first decile of his graduating class the scholarship is increased to \$800.00, available at the rate of \$200.00 per year. Should the student be graduated first or second in rank in his respective graduating class the scholarship is worth \$1000.00, available at the rate of \$250.00 per year.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers scholarships to ministers and missionaries and their children. To receive a minister's scholarship a student is required to file a written application and present satisfactory evidence of his licensure.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

National Secretaries Association Scholarship

The Lancaster Chapter of the National Secretaries Association makes an annual award of \$200.00 to a high school graduate from a high school in Lancaster City or County who enrolls in the Col-

lege's Curricula of Secretarial Science or Business Education. The scholarship is granted on the basis of financial need, scholastic ability and potential success in the secretarial field.

A late registration fee of \$2.00 will be required of any student who fails to complete registration on officially established dates.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A fee of \$5.00 must accompany the "Application for Admission." This fee, covering the cost of processing the prospective student's application, is non-refundable and cannot be applied toward the payment of other charges.

A successful applicant for the September term should send to the Director of Admissions, Elizabethtown College, a matriculation deposit of \$10.00 on or before May 20. Those receiving notification of acceptance after May 5, should send the \$10.00 matriculation deposit within 15 days of the date of notification. Boarding students will be required to deposit \$10.00 for a room reservation. Both deposits will be credited to the student's account when he matriculates. If a successful applicant withdraws before August 1, the advance deposits will be returned. No refunds will be made after August 1.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their expenses. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$25.00 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Secretarial Science are eligible.

The Weaver-Zeigler Prize—A prize of \$15.00 is awarded annually to that member of the Senior Class who during his or her career at college has shown the greatest interest and scholarship in the courses in Bible and Christian leadership. This prize is given by Carl and Naoni Weaver Zeigler, classes of 1931 and 1934, in memory of their parents Reverend George W. and Magdalena Oberholzer Weaver and Harvey F. and Susan Wenger Zeigler.

Accounting Award

Each year the Pennsylvania Institute of Certified Public Accountants awards "The Accountants Handbook" to a member of the graduating class whose academic ability in accounting is excellent and whose professional attitudes and characteristics are highly commendable.

The Wall Street Journal Award

Each year the Wall Street Journal makes an award of a medal and a year's subscription to the newspaper to a graduating student who has done outstanding work in the field of finance and business.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Treasurer.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

Bed linens will be laundered by the College free of charge. Only single size bed sheets will be accepted by the laundry.*

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safeguard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge,

^{*}The College reserves the right to discontinue all laundry service upon two weeks' notice.

and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$8.00 for men and \$4.00 for women per college year. It is compulsory on the part of all students to carry this insurance.

Intramural Program

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, wrestling, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athletic Conference, the National Association of Intercollegiate Athletics, and the National Collegiate Athletic Association.

Women have intercollegiate competition in basketball and field hockey.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are ipso facto members of the Student Association.

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Intersession and Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the A Cappella Choir is chosen from the college student section of the College Chorus, and consists of thirty-two to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the A Cappella Choir takes frequent trips, giving concerts in Brethren churches of Pennsylvania.

The College Chorus is a larger organization, which presents a great oratorio at some time in the spring of each year. The oratorio is presented in the college auditorium, with guest soloists and local soloists. The membership of the Chorus includes singers from the vicinity and from the church choirs of Elizabethtown, as well as college students.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the A Capella Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and frequently appear publicly in churches, high schools, and other places. The Chapel Choir is a select ensemble of eight to ten mixed voices; they rehearse at times convenient to the group, and contribute to the worship in chapel services by singing anthems and responses. The personnel of the Chapel Choir changes several times during the year, in order to provide more of this type of musical experience for more students.

Buildings and Grounds

Elizabethtown College, ideally situated on an attractive campus of some fifty acres, provides baseball diamonds, a soccer field, a hockey field, all-weather tennis courts, and a large lake. These adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and a women's day student room.

Rider Memorial Hall

During January, 1905, the trustees planned the erection of a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906, as Memorial Hall. On the first floor are located the college Store and a recreation room. Faculty offices, classrooms, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third college building was dedicated. This is a three-story brick building. The first floor contains an infirmary, a guest room, three apartments equipped with modern conveniences and adapted to small families. The second and third floors are used as women's dormitories.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a large brick science building. The first floor contains two large laboratories, one large lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another large lecture room on the second floor. All the laboratories are equipped with adequate laboratory furniture and fixtures.

Auditorium-Gymnasium

In 1928 the College took steps to raise a fund for an auditoriumgymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious auditorium-gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$20,000 has been contributed by alumni and friends of the College.

Dwellings

Eight dwellings are located on the campus and furnish residence for members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Lake Placida, developed near an evergreen grove on east campus under the sponsorship of the Alumni Association, is a spot where students find opportunity for relaxation and fun. At its edge the annual Freshman-Sophomore tug of war, as well as picnics and vesper services are held.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1954-55

President, RAY A. KURTZ, '32	Richland, Pa.
Vice-President, CARL G. HERR, '38	Lancaster, Pa.
Secretary, Laura Frantz Pfautz, '21	
Treasurer, ELWOOD HACKMAN, '35	Hershey, Pa.
Executive Secretary, EBY C. ESPENSHADE, '35	

Harrisburg

President, Cyrus Bucher, '36	Biglerville, Pa.	
Vice-President, ARTHUR J. RISSER, '39	. Harrisburg, Pa.	
Secretary-Treasurer, LIDA ANNE SWOPE, '48	.Harrisburg, Pa.	

Juniata Valley

President, MERVYN MENSCH, X-	-'19Mifflinburg,	Pa.
Vice-President, RUTH BUFFENMY	YER BURRIS, X-'32Bunkertown,	Pa.
Secretary-Treasurer, LAURA MAI	E BOONE, '53Loganton,	Pa.

Lancaster

President, E. G. MEYER, '19	. Elizabethtown, Pa.
Vice-President, Dr. CHARLES E. WEAVER, '26	Manheim, Pa.
Secretary, WENONAH WILHELM SCHEIREY, X-'41	Ephrata, Pa.
Treasurer, Clifford B. Huffman, '47	Lancaster, Pa.

Lebanon Valley

President, HIRAM GROFF, '33	nev, Pa.
Vice-President, Anna Carper, '41	yra, Pa.
Secretary-Treasurer, AMY BREIDENSTINE STERNER, X-'34 Myersto	wn, Pa.

Philadelphia

President, JOHN SPEIDEL, '	H	
		Cynwyd, Pa.

York

President, CLAIR TROUT, '39	Valleys,	Pa.
Vice-President, NORMAN F. REBER, '30	York.	Pa.
Secretary-Treasurer, Margaret Bose Lehman, '51Gle	en Rock,	Pa.

Chicago-Elgin

President, LAMAR GIBBLE, '53	Chicago.	I11.
Secretary-Treasurer, KATHRYN HOFFMAN ALWINE, '47		

The Alumni Council

Commencement

Monday, May 31, 1954

Address: Theodore A. Distler, LL.D. President, Franklin and Marshall College

Honorary Degrees

THEODORE A. DISTLER, Doctor of Humane Letters
I. WAYNE KELLER, Doctor of Commercial Science
U. A. WHITAKER, Doctor of Science

Degrees in Course

Bachelor of Arts in Liberal Arts

*Paul M. Bashore, Jr. Mary Ann Beck Norman H. Bowers	Hagerstown, Md.
†George E. Bundy	
ARTHUR DAVID BURDETT	
GLORIA GALE CROUTHAMEL	
*Julius Edward Foster	Lancaster, Pa.
George W. Frost	Philadelphia, Pa.
Paul Eugene Greiner	Elizabethtown, Pa.
EILEEN JOYCE HEISE, Cum Laude	Hamlin, Kans.
ANITA S. KEENEY	Elizabethtown, Pa.
*Mark Ray Keeney	
Eva Mae Melhorn	
ROYDEN SHELLY PRICE	Vernfield, Pa.
*Robert N. Schappell	Lancaster, Pa.
G. DUANE SMITH	Trafford, Pa.
W. Sherwood Thomas	
*Daniel James Whitacre	

Bachelor of Science in Science

ROBERT LEE ALBRIGHT, Summa Cum Laude	Talmage, Pa.
DAVID B. HOOVER	Lineboro, Md.
LEROY J. MILLER, Summa Cum Laude	Lebanon, Pa.
RONALD T. MURPHY	Harrisburg, Pa.
BETTY FORNEY SAYLOR	East Petersburg, Pa.
*Robert Dean Shetler	Lancaster, Pa.
HAROLD J. WILSON, JR	Lititz, Pa.

^{*} Degree granted August 5, 1954.

[†] Degree granted February 15, 1954.

Bachelor of Science in Business Administration

Frances Rhea Bishop John R. Cosgrove Rheems, Pa. Coy Donovan Farr Middletown, Pa. Glenn Young Forney Florin, Pa. Jay R. Frey Ronald Duane Goodman Hershey, Pa. Donald M. Haas Harrisburg, Pa. Mildred Doretha Holloway James Curtis Klock Herndon, Pa. John Leon Kugle York, Pa. Richard J. McElroy Richard D. McKean Arlington, Va. William Edward Meyers New Freedom, Pa. William Bert Seaman Paul Landis Wechter Lincoln, Pa.
Bachelor of Science in Secretarial Science
Sallie Mae Johnson
Bachelor of Science in Business Education
WILLIAM E. FOSTER
Bachelor of Science in Secondary Education
JULIA ELEANOR BENDER Lebanon, Pa. DAVID CREE WILSON Elizabethtown, Pa.
Bachelor of Science in Elementary Education
JEAN LOUISE BURKHART

A. Dorothy Shearer Elizabethtown, Pa. Nancy Elizabeth Stuckey Elizabethtown, Pa. Bachelor of Science in Medical Technology

Francis Leon McConkey, Cum Laude ...Lancaster, Pa.

*Mae Royer MacMinn ...Laureldale, Pa.
Marian Lorraine Meyer ...Lebanon, Pa.

*Elizabeth P. Morganthall ...Middletown, Pa.

Iean Louise Roland ...Elizabethtown, Pa.

Bachelor of Science in Nursing

NANCY T. REDDINGLancaster, Pa.

^{*} Degree granted August 5, 1954. † Candidate for degree upon passing of the Registry Examination in Medical Technology.

Recipients of Certificates

Medical Secretarial Science

Janet Rae Hunsberger	, Pa.
SHIRLEY ANNE MYERS	, Pa.
Edna L. RiceZullinger	, Pa.
JANET SHEARERPerulack	, Pa.
FLORENCE E. SHREINER	, Pa.

Secretarial Science

JANET B. EARHART	Elizabethtown, l	Pa.
JANET LABERTA EVANS	Royersford, 1	Pa.
KATHRYN GISH	Elizabethtown, 1	Pa.
Lois Elaine King		

Medical Technology

CAROLE RAMONA ALEXANDER	Harrisburg, Pa.
Bernice Bratton	Millerstown, Pa.
MARY GRACE DILLING	Everett, Pa.
Lois Ann Duppstadt	Stoystown, Pa.
SHIRLEY ANN JUNKIN	Lemoyne, Pa.
GWENDOLYN JANE LOWE	Lancaster, Pa.
Zoe Gale Proctor	New Hope, Pa.
Betty Burgess Williams	Lancaster, Pa.

Register of Students

1954-1955

Seniors

Men

ACHORN, GEORGEB.S.	Bus. Admin 304 Park St., Elizabetbtown
	Science504 E. High St., Elizabethtown
BEASTON, WILLIAMB.S.	Elem. Educ40 Detwiler Ave., Mount Joy
BIELO, ROBERT JB.S.	ScienceEast Petersburg
BRUBAKER, JAYWOODB.S.	
	Elem. Educ216 Locust St., Columbia
	Science217 Mount Joy St., Mount Joy
	Bus. Admin 17 N. 32nd St., Harrisburg
FOGELSANGER, DONALDA.B.	Liberal ArtsR. D. 3, Shippensburg
FRANKLIN, KENNETH A.B.	Liberal Arts 561/2 Washington St., Elizabethtown
GEARY, CARL DA.B.	Liberal Arts814 S. 17tb St., Harrisburg
	Liberal Arts 917 S. Spruce St., Elizabethtown
GRUBB, PAUL, JRB.S.	Bus. Admin 307 College Ave., Elizabethtown
	Science R. D. 1, Lebanon
HEISEY, WILLIAM GB.S.	Science R. D. 1, Lebanon
HITZ, HENRYB.S.	Bus. Admin 155 N. Hanover St., Elizabetbtown
	Elem. Educ 122 E. High St., Elizabethtown
JACOBS, HARVEY, JRB.S.	Sec. Educ Cberokce, N. C.
KANOFF, GEORGEB.S.	Science524 E. High St., Elizabethtown
KREIDER, HENRY LB.S.	ScienceR. D. 2, Mount Joy
	Liberal Arts314 College Ave., Elizabethtown
	Liberal Arts 724 Hamilton St., Easton
	Bus. AdminR. D. 2, Mt. Joy
McElrath, Richard B.S.	Bus. Admin 260 S. Spruce St., Elizabethtown
	Science75 College Ave., Elizabetbtown
	Liberal Arts 32 N. 8th St., Columbia
	Science Dock St., Royalton
RICE, D. PAULA.B.	
	Bus. Admin 23 Orange St., Elizabethtown
SCHELL, WALTERA.B.	Liberal Arts2925 Brookwood St., Harrisburg
THOMPSON, RAYB.S.	Elem. Educ111 Spring St., Middletown
	Sec. Educ548 W. Orange St., Lancaster
	Liberal Arts W. Main St., Middletown
	Liberal Arts 20A Hunter St., Clemson, S. C.
YODER, JAMESB.S.	
ZOOK, DONALDB.S.	Bus. AdminR. D. 3, Dillsburg

Women

BUCCIERI, CHRISTINEA.B. Liberal Arts407 Ninth St., New Cumberland
BUCHER, MARIGRACE B.S. Elem, Educ Donegal Springs Rd., Mount Joy
CRANKSHAW, HAZELB.S. Elem, Educ Maytown
Deppe, Marilyn
DIEHL, H. JEANB.S. Elem. EducR. D. 2, Hummelstown
EDWARDS, EDYTHE LA.B. Liberal Arts 1315 3rd St., Perkasie
Franklin, JaneB.S. Elem. EducR. D. 3, Oxford
GEARY, MARION HB.S. Elem. Educ814 S. 17tb St., Harrisburg
HOFFER, MARY JANEB.S. Sec. Educ119 David St., Mount Joy
HOFFMAN, NANCYB.S. Elem. Educ520 Oley St., Reading
KNAPPENBERGER, HAZELB.S. Elem. EducR. D. 1, West Leesport
KRATZ, PATRICIAB.S. Elem. EducR. D. 1, Elverson
MOYER, NANCYB.S. Elem. Educ R. D. 2, Telford
MUTZABAUGH, GRACEA.B. Liberal Arts 1972 Park Plaza, Lancaster
MYERS, RUTH BA.B. Liberal Arts 1542 Lititz Pike, Lancaster
OLDHAM, RUTHB.S. ScienceFisbertown
WITMYER, JOYCEB.S. Bus. Educ1415 Hollywood Drive, Lancaster
F 40.4 T

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Juniors

Men

ABEL, ELTONB.S.	Sec. Educ. R. D. 2. Hellam
BARR, DONALDB.S.	
Provent Mayo William P.S.	Bus. AdminR. D. 2, East Berlin
	Bus. Admin936 Hummel Ave., Lemoyne
	Liberal Arts233 High St., Sellersville
BYERS, JOHN DA.B.	Liberal ArtsR. D. 1, Johnstown
CARMITCHELL, WILLIAM, JR. A.B.	Liberal Arts313 N. Reservoir St., Lancaster
COBAUGH, CHARLES MB.S.	Bus. Admin R. D. 1, Elizabethtown
CRUM, CARLB.S.	Bus. Admin55 Caracas Ave., Hershey
DERK, CHARLES B.S.	Bus. Admin1122 Hancock St., Chester
DIMELER, GLENNB.S.	Science300 S. 29th St., Harrisburg
EBERSOLE, GERALD RB.S.	Bus. EducBox, 216, Hummelstown
ESHELMAN, RALPH IB.S.	Bus. Admin 234 Orange St., Elizabethtown
EVANS, JAYB.S.	ScienceR. D. 2, Lancaster
FAUS, ROBERTA.B.	Liberal ArtsR. D. 2, Manheim
FERICH, JACKA.B.	Liberal ArtsWillow Street
FORNEY, P. RICHARDA.B.	Liberal ArtsR. D. 5, Lebanon
GIBBLE, JAY EMMERTA.B.	Liberal ArtsR. D. 1, Bethel
GILBAUGH, ROBERTB.S.	Bus. Admin Schwanger Rd., Elizabethtown
HOFFMAN, PAULB.S.	Science624 W. Market St., Williamstown
HOOVER, DAVID BA.B.	Liberal Arts 4005 N. 12th St., Philadelphia
HOWRY, EDWARDA.B.	Liberal Arts117 E. Frederick St., Lancaster
KREIDER, HAROLD NA.B.	Liberal Arts Campbelltown
LONGENECKER, MELVINB.S.	Bus. Admin117 Oak St., Progress
McKamey, Purcell A.B.	Liberal Arts232 Ridge St., Steelton
MESSNER, JACKB.S.	ScienceRothsville
MOYER, RALPH A.B.	Liberal Arts R. D. 2, Telford
NEWCOMER, JESSEB.S.	Bus. Admin 406 Hellam St., Wrightsville
OBERHOLTZER, SAMUEL A.B.	Liberal Arts121 S. 15th St., Camp Hill
ORBANK, CHARLESB.S.	
	Bus. Admin402 S. Harrison St., Palmyra
	Bus. AdminR. D. 2, Mount Joy
SMITH BRUCE A.B.	Liberal Arts24 N. 31st St., Harrisburg
	Bus. Admin40 W. Broadway, Red Lion
STONER JOHN D BS	Bus. Admin839 Hummel Ave., Lemoyne
THOMAS HAPPY BS	Sec. Educ 3507 Union Deposit Rd., Harrisburg
TRIMMER R TVIER AR	Liberal Arts Masonic Homes, Elizabethtown
WEAVER TOWN RS	Bus. Admin454 N. Market St., Elizabethtown
	Elem. EducR. D. 1, Elizabethtown
WEDNER APTHUR BS	Bus. Admin202 N. Harrison St., Palmyra
WITTLE KENNETH A R	Liberal Arts309 S. Market St., Elizabethtown
WOLE JOHN BS	Bus. Admin337 Hazel St., Lancaster
VOUNDY MARK A B	Liberal ArtsR. D. 3, Elizabethtown
	Bus. Admin 3 Park St., Elizabethtown
MARKONS, Jumps	Dus. Hamm Luk St., Elizabethtown

ALEXANDER, CAROLEB.S. Med. Tech423 Hummel St., Harrisburg
ALEXANDER, RUTHB.S. Bus. Admin501 Ruby St., Lancaster
BAUGHER, LUCYA.B. Liberal Arts Aspers
Bell, Evelyn B.S. Elem. Educ,32 N. Locust St., Palmyra
Berry, Carol
BISHOP, NANCY LOUB.S. Sec. Science 19 W. King St., Ephrata
BRUBAKER, NANCY JANE B.S. Elem. Educ 237 S. Cedar St., Lititz
DILLING, MARY GRACE B.S. Med. Tech 121 N. Spring St., Everett
EARHART, JANET BB.S. Bus. EducR. D. 2, Elizabethtown
GEYER, JEAN E
JOHNSON, BARBARA AB.S. Bus. Admin Woodbine
Kim, Sun KyungA.B. Liberal Arts Seoul, Korea
KINNEY, MARIEB.S. Elem. Educ33 Church St., High Bridge, N. J.
KLINE, LORETTAB.S. Secondary Ed R. D. 1, Hanover
KLINE, RUTHB.S. Bus. EducBlairs Mills
Kugler, SylviaB.S. Bus. Admin Hungerford
LEPPO, JOSEPHINEB.S. Elem. EducR. D. 2, Hanover
Longenecker, Marilyn B.S. Elem. Educ R. D. 5, Lebanon
Lowe, Gwendolyn B.S. Med. Tech 829 N. Duke St., Lancaster
Martin, Jessie
MILLER, GWENDOLYNA.B. Liberal Arts Boiling Springs
MINNICH, PATRICIAB.S. Elem. Educ 150 Haines Rd., York
PROCTOR, ZOEB.S. ScienceNew Hope
REIDENBACH, HOPEB.S. Nursing306 E. Orange St., Elizabethtown

ROBERTSON, ALMAB.S. NursingDoylesburg
STONER, RITA LOUISE B.S. Elem. Educ 274 W. Market St., Marietta
STOTZ, DOROTHY
TRIMMER, JANET
Varner, Janet
Welch, Doris
WITTER, RUTH
Zug, RitaB.S. Elem. EducRichland

Sophomores

Men

Adams, Charles	Bus. Admin71 S. Penn St., Manheim
BARLEY, DONALD R A.B.	Liberal ArtsR. D. 6, Lancaster
RAUGHER TAMES RS	Sec. Educ1105 Main St., Slatington
Private Minerary D.C.	Con Educ. 102 Conned Ct. Entrant
DELICIC, MATTHEW	Sec. Educ 403 Second St., Ennaut
BERKLEY, KODNEY	Sec. Educ403 Second St., Enhaut Liberal Arts1343 Roxbury Ave., Johnstown Bus. Admin3 Mercer Ave., Hatboro
BIXLER, GLENN R B.S.	Bus. Admin 3 Mercer Ave., Hatboro
Blessing, Robert B.S.	Bus. Admin1153 Hudson St., Harrisburg
BOOK, TAY R B.S.	Sec. EducThompsontown Bus. Admin1508 Espenshade Rd., Lancaster
ROPTZEIRID TAMES 18 S	Bus Admin 1508 Espenshade Rd Langaster
BRITTINGER HENRY B II BS	Sec. Educ3000 Derry St., Harrisburg
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COOK, SAMUEL J	Science Mifflin
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PIERSOL, JAY
RUHL, DONALD E
SANGER, CLARENCE
Schwankl, Alfred J
SHIELDS, H. MORRELL419 Columbia Ave., Mount Joy
SMEDLEY, FREDERICK S
SMITH, CLOYD R
TABBUTT, EUGENE
TURNER, ROBERT
WALKER, IVANWest Grove
WARFEL, M. KENNETH
WHITACRE, HOWARD
WISE, RICHARD
YOHE, CHARLES W
Ziegler, Robert N

Beck, Clara L
BETZ, JOANN
Bowers, Marian
Brennan, Amelia
BUCHER, PATRICIA
Cullers, Anna Mae
DISCAVAGE, MARGARET
Eck, Beatrice
EICHELBERGER, MARYLewisberry
GRAYBILL, RUTH S
GRIMM, BERTHAR. D. 2, Hummelstown
HAINES, ELSIE MAE
Hess, Lois
HILTON, SUZANNE
HOFFMAN, LEAH M481 Eshelman St., Highspire
HOWARD, MARYR. D. 2, Hummelstown
HUGHES, EVELYN DLewisberry
KANODE, ESTHER
KEENER, MARY C
When M Dengte (0 W Main St Mount Toy
KNORR, M. DORCAS
LAUX, MILDREDState Hospital, Elizabethtown
RICKERT, ELIZABETH M

RIDER, HELEN	Mounted Route, Middletown
SAYLOR, BETTY	East Petersburg
SHAPBELL, NELLIE	State Hospital, Elizabethtown
SHEARER, ANNA D	R. D. 1, Elizabethtown
SMEDLEY, HARRIET	234 N. 4th St., Columbia
STUCKEY, NANCY	
TOPPIN, MARION	132 S. Market St., Mount Joy
WEIDLER, ESTHER	
West. Ruth	16 Roop St., Highspire

Special Students-1954-1955

Men

AMIG, DONALD
BONITZ, JOHN
Borreggine, Phillip S
CRAWFORD, ROY B
Kraybill, Paul NIntercourse
LAVINE, BARRY
ROTH, CHARLES1044 E. Market St., York

Women

MUMMERT, Erdis .181 MUSSER, Helen .340	Spring	Garden	St., Elizabethtown
	Willow	St., Eli	zabethtown
SHAFFNER, ANNA	rtown		

Lebanon Vailey-Elizabethtown College Extension Center Harrisburg, Pennsylvania—1954-1955

Men

AMIG, DONALD J
Deibler, John H
Dood, Charles W
Fulk, PaulLawnton
HALL, HARRY W
HARRY, JOHN G
ISRAEL, THOMAS H
Long, Alton
SHEAFFER, ROBERT
Stevens, Glenn R
Taylor, Earle, Jr
Vallely, Joseph R
WINGERT, JAMES
WITMER, WALTER C
YODER, JAMES A Elizabethtown College, Elizabethtown

BARTON, VELDA	1718 Wayne St., Harrisburg
BOLTZ, MARGARET V	
BOOKWALTER, GLADYS JANE	
BRUNNER, MARY ANN	
CARE, ELSIE G	River House 805, Harrisburg
COTTON, EVELYN V	313 Cumberland St., Harrisburg
DEIMLER, EVELYN P	
DETZ, PHYLLIS	216 Maple Ave., Marysville
EICHELBERGER, MARY	
FEGAN, CATHERINE M	3934 N. Sixth St., Harrisburg
GOUDY, MIRIAM H	13 Creek Road, Camp Hill
HAAS, ETHEL	2126 Penn St., Harrisburg
HARNISH, CLEO F	
HEIM, HAZEL D	43 Wharton Ave., Middletown
HETZEL, FRANCES LOUISE	1816 Chestnut St., Harrisburg
Intreri, Gloria Jean	592 Pine St., Steelton
JANOSCRAT, AGNES	3631 Brisban St., Harrisburg
KEANE, MARGARET E	2720 N. Fifth St., Harrisburg

KOONTZ, GERALDINE V. M
McNells, Rose
MEYER, EMMA K
MEYERS, Doris Arlene
MORRIS, MARYANNE
MURRAY, THERESA A313 Seneca St., Harrisburg
Nauss, Shirley C
Novinger, Talma K554 Church St., Millersburg
OBERHOLTZER, KATHLEEN2815 Canby St., Penbrook, Harrisburg
Orbacii, Rosalind M
Parthemore, Faye
Paules, Betty L
Paules, Janet M
RAMER, BONNIE B
RAYSOR, NAOMI B
REICHENBACH, IDA
RIBBLETT, BARBARA L
Schaffer, Geraldine N
Shade, Adelaide E
SMITH, MILDRED M
STEEVER, MARJORIE
STOKES, E. ESTHER
STRANGARITY, ELIZABETH
STROMAN, ETHEL
TRUEITT, HELEN B
Ulsh, Florence
Van Horn, Katherine M
West, Ruth M
WOLFE, LORETTA
YEAGER, ETHEL H
YELITO, MARY BARBARA Village Road, Camp Hill

York Hospital Extension-1954-1955

T T T T T T T T T T T T T T T T T T T
BAUGHER, LOUISE
Bennett, Mary Lou
BOYER, GLADYS M
Gross, Jessie Rae
GROVE, CAROLYN
HARRIS, NELLE G
HERMAN, DELORIS
HERSHEY, ETHEL
Jones, Frances
Landis, Mae
LEATHERY, FRANCES
Morton, Virginia1125 E. South St., York
Neuhaus, Dorothy 8 Glen Ave., Glen Rock
RILEY, MARIE
ROSEMAN, BETTY B
SHEFFER, K. PAULINE
SHUE, PATRICIA
SMITH, VIRGINIA825 S. Queen St., York
SNYDER, EVELYN
SPRENKLE, LOLA
STRANGE, ISABEL
STUMP, MAURITA
SUNDAY, MARY
The war I have the state of the
TROXELL, IDA MAE
Weaver, Mary Agnes
WHITE, ORPHA K1501 Wogan Road, York
ZUDRELL, MIRIAM

1954—Summer Session

June 27 to August 6

Men

ACHORN, GEORGE S
BONITZ, JOHN T
Cole, Samuel H
DERK, CHARLES, JR1122 Hancock St., Chester
EICHLER, FRANKLIN R
Engle, James S

EVANS, TERRY Y.

EVANS, TERRY Y.

FAWBER, CLAIR F.

124 S. Paxtang Ave., Harrisburg

FOSTER, GORDON E.

Williamstown

FOSTER, JULIUS E.

1114½ Mulberry St., Reading

FRANKLIN, KENNETH L.

56½ E. Washington St., Elizabethtown

HECK, FRANCIS B.

103 Jarvis Road, Erial, N. J.

HITZ, HENRY E.

1155 N. Hanover St., Elizabethtown

HOFFER, DAVID L.

4807 Orchard St., Harrisburg

HOFFER, DAVID L.

4807 Orchard St., Harrisburg

HOFFER, DAVID L.

4807 Orchard St., Harrisburg

HOFFER, LEE A.

4807 Orchard St., Harrisburg

HOFFER, DAVID L.

RED 2. Mount Joy

LIGHT, WAYNE

Campbelltown

MELLRATH, RICHARD

260 S. Spruce St., Elizabethtown

MESSER, PHILIP W.

324 Para Ave., Hershey

MORRIS, WILLIAM F.

3017 Derry St., Harrisburg

NIPPLE, BURNS

ORBANK, CHARLES E.

Conestoga

PEIFFER, DALE L.

213 N. Market St., Elizabethtown

PROWELL, TOLBERT V.

221 Pine St., Steelton

RISSER, HARRY A.

402 S. Harrison St., Palmyra

SCHAPFELL, ROBERT T.

SCHAPFINER, MEADE

938 Columbia Ave., Lancaster

SHALONIS, BERNARD A.

20 Valley St., Marysville

SHAVER, DAVID B.

33 NORWAR, SHIFALO, N. Y.

SHELLER, ROBERT 4.11 N. Concord St., Lancaster

SMITH, CARLES L.

1405 W. Market St., York

TEPSICH, LERGY M.

222 Main St., Steelton

Manheim

VARFEL, KENNETH

33 Blossom Hill Drive, Lancaster

SALUNGER

WEAVER, JOHN W.

4454 N. Market St., Elizabethtown

PODER, JAMES A.

Mattawana

ZOOK, DONALD

WANTER

Women

ALEXANDER, CAROLE L. 423 Hummel St., Harrisburg BECK, CLARA L. 523 N. Spring St., Middletown BERRY, CAROL 127½ E. High St., Manheim BOLL, BETTY 148 E. High St., Elizabethtown BOOP, MARCIA ANN Yeagertown HUCCIERI, CHRISTINE A. 407 Ninth St., New Cumberland BUCHER, PATRICIA M. R. D. S., Lebanon COLBERT, LILA 303 Cumberland St., Harrisburg CRANKSHAW, HAZEL Maytown DENGLER, BETTY M. Valley St., Marysville DILLMAN, HEDY M. 233 S. Second St., Frackville DODD, MARGARET H. 319 Lincoln St., Steelton EICHELBERGER, MARY Lewisberry EYLER, MAUDE 974 Carlisle St., Hanover FAKE, ETHA Etters FOSTER, GERTRUDE R. 114½ Mulberry St., Reading GRIMM, BERTHA C. R. D. 2, Hummelstown GRIMM, PAULINE M. 529 Market St., Halifax HAEFNER, JOSEPHINE E. 214 Nevin St., Lancaster HILTON, SUZANNE C. 307 Greene Hall, Harrisburg HOAK, DOROTHY W. 100 Linn St., Harrisburg HOAK, DOROTHY W. 100 Linn St., Harrisburg HOAK, DOROTHY W. 100 Linn St., Harrisburg HOAK, SUN K. Seoul, Korea LEICHT, MARY E. 309 S. Market St., Elizabethtown MILER, LOIS K. R. D. 1, Bainbridge MORGANTHALL, ELIZABETH 415 Elm Court, Middletown MYERS, RUTH B. 1542 Lititz Pike, Lancaster RAYSOR, NAOMI 293 Birch St., Harrisburg RIDER, Helen K. Mounted Route, Middletown MYERS, RUTH B. 1542 Lititz Pike, Lancaster RAYSOR, NAOMI 293 Birch St., Harrisburg RIDER, Helen K. Mounted Route, Middletown ROADARMEL, RUTH M. 303 Wayne Hall, Harrisburg RIDER, Helen K. Mounted Route, Middletown West, Ruth M. 16 Roop St., Highspire Winters, Esther M. 45 S. Market St., Elizabethtown Winters, Esther M. 45 S. Market St., Elizabethtown

1954-Intersession

June 6 to June 25

Men

ACHORN, GEORGE S	.304 Park St., Elizabethtown
BASHORE, PAUL M	
DERK, CHARLES, JR	
EDWARDS, ROBERT C.	
EICHLER, FRANKLIN R.	
Evans, Terry Y.	
FAWBER, CLAIR F.	24 C Doutone Ave Homishum
Foster, Julius E.	1141/ Mallana Ct. Dealina
Entered Variable I	
Franklin, Kenneth L.	St., Elizabethtown
GRIMM, ELWOOD S.	
GRUBB, PAUL, JR.	307 College Ave., Elizabethtown
HITZ, HENRY E.	
Hoerner, Henry, Jr	122 E. High St., Elizabethtown
HOFFER, DAVID L	4807 Orchard St., Harrisburg
Hoffer, Lee A	4807 Orchard St., Harrisburg
HOFFMAN, PAUL D	627 W. Market St., Williamstown
KEENEY, MARK R	
MAGEE, RICHARD J	
McElrath, Richard E	
MORAN, NEAL W	
NIPPLE, BURNS	
ORBANK, CHARLES E.	
RHEN, GEORGE W., JR.	
Schaffner, Meade	
SCHAPPELL, ROBERT	
SHAVER, DAVID B.	
SHIELDS, H. MORRELL	419 Columbia Ave., Mount Joy
SMITH, CARL S.	Box 115, Hersney
TEPSICH, LEROY M.	222 Main St., Steelton
WARFEL, KENNETH	
WAY, JOHN, JR.	
WEAVER, DANIEL H	
YODER, JAMES A	
Ziegler, Robert N	103 College Ave., Elizabethtown

Boop, Marcia Ann	Yeagertown
BUCCIERI, CHRISTINE A	407 Ninth St., New Cumberland
CARE, ELSIE G	River House-805, Harrisburg
COLBERT, LILA	303 Cumberland St., Harrisburg
CRANKSHAW, HAZEL	
DENGLER, BETTY M	Valley St., Marysville
DEPPE, MARILYN J	
DILLMAN, HEDY M	
EICHELBERGER, MARY	
GIBBLE, IRENE A	Route 1. Box 341, Hummelstown
GRIMM, BERTHA C	
GRIMM, PAULINE M	
GYP, ANNE M	
HAINES, ELSIE M	149 W. High St., Elizabethtown
HEISTAND, EUNICE T	
HOWARD, MARY A	R. D. 2, Hummelstown
HUGHES, EVELYN D	
JACKSON, MARY L	
Kim, Sun Kyung	
LEHMAN, MARGARET B	R. D. 2, Glen Rock
MACMINN, MAE R	3314 Orchard Pl., Laureldale
Myers, Ruth B	1542 Lititz Pike, Lancaster
RIDER, HELEN K	Mounted Route, Middletown
ROADARMEL, RUTH M	303 Wayne Hall, Harrisburg
SAUNDERS, EDNA	4008 Walnut St., Harrisburg
SCHLEGAL, LOREE A	205 Broadway, Milton
Vonada, Mildred I	R. D. 3, Bellefonte
WEST, RUTH M	16 Roop St., Highspire
WINTERS, ESTHER M	45 S. Market St., Elizabethtown

1954—Special Sessions in Basic Sciences

July 5 to September 9

Men

AGASAR, JERRY J
BORREGGINE, PHILLIP
Bunting, John E
CASANOVA, RICHARDBox 219, Pennsburg
Deffinbaugh, JohnOsterburg
DETAR, RICHARD
DILKS, EDGARBowmansdale
EVANS, DELBERT W
FREEDMAN, DAVID
HENDRICKSON, THOMAS C
Hook, Erroll
IHDE, RAYMOND
JACOBS, ALBERT
JORDAN, BARRY R
JORDAN, JOHN
KACICEK, WALTER
KNEPP, RUTH ALemont
Krapf, Conrad
LETIZI, RICHARD
Martin, Harold24 Falconer St., Jamestown
MILLER, DREWMifflinville
MININGER. VERNON
MURPHY, THOMAS E
Paterniti, Samuel A
RESPOGLIATI. MORRIS
ROBINSON, THOMAS G
SHMUKLER, NATHAN2458 79tb Ave., Philadelphia
THOMPSON, JOHN
TROUT, DEAN G
VINCENTI, LEONARD
WALTERS, FREDERICK
WAX, JEROME R
WILLIAMS, MARVIN A
YINGST, THOMAS L., JR9 E. Main St., Annville
indsi, indmas L., ja E. main St., Amyine

Women

BARKER, IMOGENE CArman Village, Rainlo St., Lemon	at
FLORA, HAZEL	
WORTMAN, NELLIE	

Summary

Number of Students, 1954-1955

	Men	Women	Total
Seniors	36	16	52
Juniors	44	32	76
Sopbomores	63	44	107
Freshmen	111	73	184
Special Students	7	3	10
Part-time Students	27	31	58
Lebanon Valley-Elizabethtown College Extension			
Center	15	49	64
York Hospital		27	27
Intersession, 1954	34	29	63
Summer Session, 1954	45	35	80
Special Session, 1954	34	3	37
Total	416	342	758
Names Repeated	54	32	86
Grand Total	362	310	672
Grand Total	002	010	0,2



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Credits	16
Curricula:	
Business Administration	38
Business Education	40
Education	35
Engineering	28
Forestry	29
Medical Technology	30
Nursing	32 22
Liberal Arts	44
Science	26
Science (Chemistry Major)	27
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Engineering	24
Forestry	24
Healing Arts	23
Journalism	21
Law	
Medical Technology	
Ministry	
Social Work	
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DIRECTOR OF ADMISSIONS			
:LIZABETHTOWN COLLEGE			
:LIZABETHTOWN, PENNSYLVANIA			
Dear Sir:			
I am interested in Elizabetht	own College.		
Send me an Appli	cation for Admission form.		
Arrange an interv	iew for me on the campus.		
Send me informati	on about honor scholarships.		
1			
NAME			
	CITY & STATE		
HIGH SCHOOL	DATE OF GRADUATION		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
DIRECTOR OF ADMISSIONS			
ELIZABETHTOWN COLLEGE			
ELIZABETHTOWN, PENNSYLVA	AINA		
Dear Sir:			
I am interested in Elizabethte	own College.		
Send me an Applie	cation for Admission form.		
Arrange an intervi	iew for me on the campus.		
Send me informati	on about honor scholarships.		
Land .	•		
NAME			
STREET	CITY & STATE		
HIGH SCHOOL	DATE OF GRADUATION		
***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
DIRECTOR OF ADMISSIONS			
ELIZABETHTOWN COLLEGE			
ELIZABETHTOWN, PENNSYLVA	ANIA		
Dear Sir:			
I am interested in Elizabethte	own College.		
Send me an Applia	cation for Admission form.		
Arrange an intervi	iew for me on the campus.		
	on about honor scholarships.		
Name			
STREET	CITY & STATE		

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

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OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA





LIZABETHTOWN COLLEGE BULLETIN

1956 1957

LIABETHTOWN

PENNSYLVANIA



19	56	19	57
JANUARY S M T W T F S 1 2 3 4 5 6 7 6 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 26 27 28	JULY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 26 27 28	JANUARY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 26	JULY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 26 27
PEBRUARY S M T W T F S 1 2 3 4 6 6 7 6 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	AUGUST S M T W T F S 1 2 3 4 6 8 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 28 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 18 17 18 19 20 21 22 23 24 25 26 27 28	AUGUST S M T W T F S 4 6 6 7 6 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH S M T W T F S 4 6 6 7 8 9 10 11 12 13 14 16 16 17 16 19 20 21 22 23 24 26 26 27 28 29 30 31	SEPTEMBER S M T W T F S 2 3 4 6 6 7 8 9 10 11 12 13 14 16 18 17 18 19 20 21 22 23 24 25 26 27 26 29 30	MARCH S M T W T F S 1 2 3 4 6 6 7 6 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 28 27 28 29 30 31	SEPTEMBER S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 16 19 20 21 22 23 24 26 26 27 28 29 30
APRIL S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 28 27 28 29 30	OCTOBER S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	APRIL S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 26 27 28 29 30	OCTOBER S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 28 27 28 29 30 31
MAY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 28 27 28 29 30 31	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 23 24 25 28 27 28 29 30	MAY S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 26 28 27 28 29 30 31	NOVEMBER S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 16 19 20 21 22 23 24 25 26 27 26 29 30
JUNE S M T W T F S 3 4 6 6 7 8 9 10 11 12 13 14 16 18 17 18 19 20 21 22 23 24 26 26 27 28 29 30	DECEMBER S M T W T F S 2 S 4 5 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 26 27 28 29 30 31	JUNE S M T W T F S 1 2 3 4 6 6 7 8 9 10 11. 12 13 14 15 18 17 18 19 20 21 22 23 24 25 28 27 28 29 30	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 26 27 28 29 30 31



Library Building

Memorial and Alpha Halls

Elizabethtown College Bulletin

Published Quarterly

Fifty-seventh Annual Catalog Number



Accredited by the Middle States Association

Student Register for 1955-1956

Announcement of Courses 1956-1957

Vol. XLII

January, 1956

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

1956

Summer Sessions-1956

June	4	Monday, 8:00 A.MSummer Session I Begins
JULY	4	WednesdayIndependence Day (No Classes)
JULY	6	Friday, NoonSummer Session I Ends
JULY	9	Monday, 8:00 A. M Summer Session II Begins
August	10	Friday, NoonSummer Session II Ends

Academic Year 1956-1957

SEPTEMBER SEPTEMBER	17–18 19	Monday-TuesdayFreshman Orientation WednesdayFreshman Registration
SEPTEMBER	20	Thursday
SEPTEMBER	21	Friday, 7:40 A. M
SEPTEMBER	21	Friday, 9:30 A. MConvocation Exercises
SEPTEMBER	23	
	20	Sunday College Charter Day
OCTOBER		Saturday
November	13	TuesdayFounder's Day
November	20	Tuesday, 5:00 P.MThanksgiving Recess Begins
November	26	Monday, 7:40 A. M
DECEMBER	21	Friday, 4:00 P. M
JANUARY	7	Monday, 7:40 A.M
JANUARY	24	ThursdayFirst Semester Ends
JANUARY	28-29	Monday-TuesdayRegistration Second Semester
January	3 0	Wednesday, 7:40 A.M
APRIL	12	Friday, 4:00 P.MEaster Recess Begins
APRIL	22	Monday, 7:40 A. M
May	11	Saturday May Day Activities
May	30	ThursdaySecond Semester Ends
JUNE	1	SaturdayAlumni Day
June	2	SundayBaccalaureate Service
June	3	MondayCommencement

1957

Summer Sessions

June	10	Monday, 8:00 A. MSummer Session I Begins
JULY	4	ThursdayIndependence Day (No Classes)
JULY	12	Friday, 12:00 NoonSummer Session I Ends
JULY	15	Monday, 8:00 A.MSummer Session II Begins
August	16	Friday, 12:00 NoonSummer Session II Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900, for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- (a) That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- (b) That a man can give his best only when he keeps his mind as the master of his body.

- (c) That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- (d) That life in college calls for hard work and firmness of purpose.
- (e) That a college education is regarded not only as "preparation for life" but as life.
- (f) That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren, which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Gambling and the use of alcoholic beverages are strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

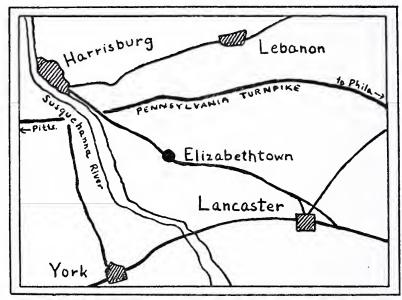
Location

Elizabethtown College is located in the southeastern section of Elizabethtown, Pennsylvania, midway between Lancaster and Harrisburg. The spacious campus borders upon the residential section of town on the north and west and reaches to the open fields on the east and south.

Elizabethtown, a borough in northwestern Lancaster County, has a population of 6,000. It is accessible by rail—on the main line of the Pennsylvania Railroad, by car—on Route 230 and 13 miles from the Harrisburg, East (Highspire) interchange of the Pennsylvania Turnpike, and by air—25 miles from the Harrisburg Airport. The borough is equidistant (approximately 18 miles) from three county seats: Lancaster, Lebanon, Harrisburg, and is 26 miles from York.

Elizabethtown is some 90 miles west of Philadelphia, 50 miles west of Reading, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college shares in the cultural life of its community. Many of its faculty members are leaders in community affairs, and students are welcomed in the many churches of the town.



Trustees of Elizabethtown College Eastern Pennsylvania

1956	F. S. Carper
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1957	John G. Hershey, SecretaryLititz, Pa.
1958	S. Clyde WeaverEast Petersburg, Pa.
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1956	N. S. Sellers, Vice ChairmanLineboro, Md.
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1957	Chester H. Royer
1958	Cyrus G. Bucher
1056	Nominated by the Alumni Association
1956 1957	Horace E. Raffensperger Elizabethtown, Pa.
1957	Ethel M. B. Wenger
1730	Nominated by the Board of Trustees
1956	Joseph N. CasselFairview Village, Pa.
1956	John F. Sprenkel
1957	S. S. WengerLancaster, Pa.
1958	Paul M. GrubbElizabethtown, Pa.
1958	J. Aldus Rinehart
1958	D. C. Stambaugh Queens, N. Y. Eli M. Stoltzfus Phoenixville, Pa.
1958	Eli M. Stolizius
	Ezra Bucher is Treasurer of the Board of Trustees.
	ms of Trustees expire on December 31 of the year indicated.
	Board holds two regular meetings each year, the one during
Octob	nencement week, and the other on the second Saturday in
	Executive Committee
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The Chairman of the Board and the President of the College are ex-officio

members of all committees.

The Faculty

A. C. BAUGHER

President and Professor of Chemistry

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

HENRY G. BUCHER

Dean and Professor of Education

A.B., Elizabethtown College, 1928; Ed.M., Temple University, 1934; Ed.D., Temple University, 1937; Graduate Student, Columbia University and Duke University.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.

L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Elizabethtown College, 1911; A.B., Ursinus College, 1911; A.M., Ursinus College, 1912; Litt.D., Ursinus College, 1932; Student, Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., Pennsylvania State University, 1933; Ph.D., Pennsylvania State University, 1943.

Frederick C. Neumann

Professor of Language

Pb.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music-Piano, 1919; Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rocbester, 1940; M.Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

N. FRANKLIN STUMP

Professor of Education

B.S., University of West Virginia, 1921; A.M., Yale University, 1923; Pb.D., Cornell University, 1935; Graduate Student, Columbia University, and New York University.

Elmer B. Hoover

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College, 1937; M.Ed., Pennsylvania State University, 1939; Graduate Student, Pennsylvania State University.

CARL E. HEILMAN

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University; Temple University.

EPHRAIM GIBBLE MEYER

Reference Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, Elizabethtown College, 1921; A.B., Elizabethtown College, 1924; Student, American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Diploma, Teacher of Public School Music, Columbia University, 1930; Graduate Student, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

ALBERT L. GRAY, JR.

Associate Professor of Business Education

B.S., Drexel Institute of Technology, 1939; M.B.A., Boston University, 1940; Graduate Student, University of Pennsylvania.

K. Ezra Bucher

Treasurer and Associate Professor of Business Education

B.S., Elizabethtown College, 1932; Student, Lebanon Valley College; M.S., New York University, 1936.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948; Graduate Student, Temple University.

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College, 1935; M.Ed., Pennsylvania State University, 1948; Graduate Student, Duke University.

BESSIE D. APGAR

Assistant Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvan.a, 1934.

WILHELM REUNING

Assistant Professor of History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Graduate Student, University of Pennsylvania.

ROBERT A. BYERLY

Assistant Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

ELLIOTT M. RUDWICK

Assistant Professor of Sociology

B.S., Temple University, 1949; A.M., University of Pennsylvania, 1950; Graduate Student, University of Pennsylvania.

JAMES ROY KING

Assistant Professor of English

A.B., Rutgers University, 1947; Graduate Student Princeton Theological Seminary, 1947; M.A., University of Pennsylvania, 1949; Ph.D., University of Pennsylvania, 1952.

IRA R. HERR

Instructor in Physical Education and Director of Athletics

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peahody Conservatory of Music.

EMMA R. ENGLE

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

ELINOR EASTLACK

Instructor in Business Education

B.S., Pennsylvania State University, 1945; M.Ed., Pennsylvania State University, 1949.

EDGAR T. BITTING

Instructor in Business

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

D. PAUL GREENE

Dean of Men and Instructor in History

A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

HUBERT M. CUSTER

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944; Graduate Student, Franklin and Marshall College.

WILBUR E. WEAVER

Business Manager and Instructor in Business Education

B.S., Elizabethtown College, 1937; M.Ed., Temple University, 1942.

DONALD P. SMITH

Instructor in Physical Education

B.S., University of Mississippi, 1950; Graduate Student, University of Mississippi.

H. RONALD ROUSE

Instructor in Mathematics

A.B., Vanderbilt University, 1950; Graduate Student, Vanderbilt University.

JULIA A. RISSER

Instructor in Physical Education

B.S., Lock Haven State Teachers College, 1954; Graduate Student Northwestern University.

KATHRYN HERR

Instructor in French

A.B., Lebanon Valley College, 1925; Graduate Student, French Institute of Pennsylvania State University and Temple University.

ELINOR B. NEUMANN

Instructor in German and English

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

RAYMOND C. FRANKE

Instructor in English

A.B., University of Wisconsin, 1949; M.A., Johns Hopkins University, 1950.

MARY F. STRICKLER

Director of Residence and Instructor in History

A.B., Elizabethtown College, 1926; Graduate Student, Columbia University and Pennsylvania State University.

IRENE H. SIMSACK

Instructor in Business

B.S., Temple University, 1928; M.A., Columbia University, 1931.

GALEN W. HERR

Director of Band and Orchestra

B.S., West Chester State Teachers College, 1938.

CHARLES W. WEAVER

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

PHARES H. HERTZOG

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

REGINALD F. LUNT

Part-time Instructor in Organ

B.Mus., Westminster Choir College, 1943; Student, Aurora College; Student, Dr. Alexander McCurdy.

HELEN J. SHEELY

Part-time Instructor in Art

B.A., The Pennsylvania State University, 1944; B.S., Kutztown State Teachers College, 1951.

HENRY F. GINGRICH

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

Officers of Administration

A. C. BAUGHER, A.B., B.S., M.S., Ph.D., LL.D., President of the College

HENRY G. BUCHER, A.B., Ed.M., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S
WILBUR E. WEAVER, B.S., M.Ed
EBY C. ESPENSHADE, B.S., M.Ed
VERA R. HACKMAN, A.B., A.M Dean of Women
D. Paul Greene, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M
ALICE S. HEILMAN, B.S., B.L.S
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M., D.D College Pastor
ROBERT S. YOUNG
MARY F. STRICKLER, A.B
JESSIE K. COSNER
Doris O. Lewis Secretary to the President
GLADYS M. HIXSON Secretary to the Dean
Martha A. Farver
Nancy L. Garns Secretary to the Business Manager
Ruth Mumaw Secretary, Alumni Office
ROSEMARIE A. TAYLOR Secretary, Admissions Office
Erma G. Witmer Secretary, Registrar's Office
Esther W. Rohrer Secretary, Business Office
J. Robert Hollinger
RUTH H. MILLER Storekeeper
GIMMIE LU Cox, R.N
L. D. Rose, A.B., A.M Director, Brethren Historical Library [12]

Faculty Committees

- Administration—A. C. Baugher, Henry G. Bucher, K. Ezra Bucher, W. E. Weaver, C. S. Apgar
- Admissions—Eby C. Espenshade, H. G. Bucher, Emma R. Engle, Vera R. Hackman, D. Paul Greene
- Counseling and Testing—H. G. Bucher, N. Franklin Stump, Vera R. Hackman, D. Paul Greene
- Curricula and Instruction—H. G. Bucher, Emma R. Engle, O. F. Stambaugh, Albert L. Gray, Jr., Robert A. Byerly
- Housing and Feeding—Wilbur E. Weaver, Vera R. Hackman, D. Paul Greene, Mary F. Strickler, Jessie K. Cosner
- Religious Activities—Robert A. Byerly, A. C. Baugher, Nevin W. Fisher, Nevin H. Zuck
- Social Activities—Vera R. Hackman, D. Paul Greene, Mary F. Strickler, Nevin W. Fisher, Edgar T. Bitting, Elinor Eastlack, Donald P. Smith, Julia A. Risser
- Placement—Henry G. Bucher, Charles S. Apgar, Eby C. Espenshade, Elmer B. Hoover, Albert L. Gray, Jr.
- Publications—Administrative Committee, Eby C. Espenshade, Vera R. Hackman, Raymond C. Franke, Emma R. Engle
- Lyceum Programs—Carl E. Heilman, Wilbur E. Weaver, Nevin W. Fisher, and a representative from the Patton School.
- Library—Alice S. Heilman, Albert L. Gray, Jr., E. G. Meyer, Frederick C. Neumann, Wilhelm Reuning, Elliott M. Rudwick
- Athletics—K. Ezra Bucher, Ira R. Herr, Eby C. Espenshade, W. E. Weaver, Donald P. Smith, Julia A. Risser, Robert A. Byerly, D. Paul Greene
- Health—Donald P. Smith, Julia A. Risser, Charles E. Weaver, Gimmie Lu Cox

Academic Regulations

Admission of Students

The Committee on Admissions attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- 3. Completion of a minimum of sixteen Carnegie units of secondary school work.

The requirements for admission to the freshman class are:

English3 units	Science1 unit
History and Social Studies 2 units	Mathematics2 units
Language2 units	

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Director of Admissions for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A student must earn an acceptable grade in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal to receive a similar amount of credit on the records of Elizabethtown College.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

(a) Science

- (e) Secondary Education
- (b) Medical Technology
- (f) Business Education

(c) Nursing

- (g) Business Administration
- (d) Elementary Education

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Majors for A.B. in Liberal Arts

English—Thirty-two hours exclusive of English Composition and including Survey of English Literature, American Literature and Shakespeare.

History and Political Science—Twenty-eight to thirty-two hours exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours.

Bible and Philosophy—Eighteen to twenty-four hours.

Mathematics—Eighteen to twenty-four hours.

Sociology—Eighteen to twenty-four hours.

Music—A major of eighteen to twenty-four hours with a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance.

Social Studies—History and at least one course in Economics, Sociology and Political Science—forty-two hours.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—(see curriculum).

Majors for B.S. in Business

Accounting—Twenty-four hours.
Business Administration (see curriculum).
Business Education (see curriculum).

Majors for B.S. in Education

Elementary Education (see curriculum). Secondary Education (see curriculum). Business Education (see curriculum).

For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of twenty-four semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The

unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Academic Requirements

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five quality point deficiency occurs, the dean will call the student for a conference.

A student who, at the close of any semester, fails to attain a cumulative quality point-credit ratio according to the following graduated scale is placed on academic probation: throughout the freshmen year, 0.700; by the beginning of the sophomore year, 0.800; by the beginning of the junior year, 0.900; and by the beginning of the senior year, 1.000. A student on academic probation may be requested to withdraw from college anytime the Committees on Counseling and Admissions so decide after a consideration of the student's over-all situation.

A student who, at the close of any semester, has a quality point-credit ratio below 1.00 shall not be permitted to carry more than 15 semester hours, and below 2.00, more than 18 semester hours of college work. No student shall be permitted to carry more than 20 semester hours of college work in any one semester.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 30 quality points.

Junior standing requires 60 semester hours and 60 quality points.

Senior standing requires 90 semester hours and 90 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 1. Students transferring

from other colleges must have a ratio of at least 1 in courses pursued at Elizabethtown College. Quality points are determined as follows:

Grade	Quality Points per s. h.
A	3
В	2
C	1
D	0
F	1

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated the year of his admission.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education in which 136 semester hours are required.

An equivalent of six semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 2.50 to 2.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 2.75 to 2.89, with the distinction of "magna cum laude;" and from 2.90 and up, with the distinction of "summa cum laude."

To be eligible for honors, a graduate must have an academic average of not less than 2.5 and must have earned not less than 60 semester hours credit at Elizabethtown College. Only grades earned at Elizabethtown College will be used in determining the honor.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in each course will be reported to the Committee on Instruction.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

Philosophy	4- 6 S. H.
At least two of the following:	
History of Philosophy	3 S H

History of Philosophy	3 S. H.
Ethics	3 S. H.
History	4- 6 S. H.
Psychology	2- 3 S. H.

At least one of the following:

English Commerciation and Literature

-	
Latin French German	12-16 S. H.
Spanish J Natural Sciences—Physical or Biological	4– 6 S. H.
Social Sciences	4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

Freshman Year	Semester 1st	2d
English Composition History of Civilization General Psychology Language Mathematics Bible Physical Education* Total	Sem. 3 2 2 3 3 2 1	Sem. 3 2 2 3 3 2 1
	10	10
Sophomore Year Survey of English Literature Modern European History Language Economics or Sociology Science Electives †	3 3 3 4 1	3 3 3 4 1
Total	17	17
Literature History of the United States and Pennsylvania Speech Bible Electives* Education* Economics History	2 3 2 9	2 3 2 9
Language Sociology Total	 -	
Senior Year	_	
Introduction to Philosophy Ethics American Government Electives † Bible	3 12–14	3 3 9–11
Education † English History and Political Science Sociology		
Total	15–17	15-17

^{*}Two years Physical Education are required.
† Students preparing to teach will need to complete a minimum of 18 semester hours in education, including Introduction to Education (3), Educational Psychology (3), Principles of Education (2), Practice Teaching (6), Visual Education (1), Methods in Secondary Education (3).

Bachelor of Science

Bachelor of Science in Science

This course which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology Chemistry Physics English Composition Non-science subjects not including English Modern foreign language	8 S. H. 12 S. H. 8 S. H. 6 S. H. 12 S. H. 12 S. H.
Subjects strongly urged:	
A modern foreign language	6-12 S. H. 3- 6 S. H. 3- 6 S. H. 3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five-year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than the Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-years' course in the School of Forestry, Duke University.

The curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists. The College has affiliations with several hospitals on such a basis.

The curriculum preparing students for medical technology in cooperation with the Lancaster General Hospital and St. Joseph's Hospital, Lancaster, Pennsylvania, has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Requirements for the B.S. Degree in Science

Freshman Year	Semeste 1st	r hours 2d
rreshman rear	Sem.	Sem.
English Composition History of Civilization Language Chemistry Mathematics General Psychology	3 2 3 4 3 2	3 2 3 4 3 2
Total	17	17
Sophomore Year		
Survey of English Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total	17	17
Junior Year		
History of the United States and Pennsylvania Speech Science or Mathematics Bible Electives * Education * Language Mathematics Science Sociology	3 2 3–4 2 6	3 3–4 2 8
Total	16–17	16–17
Senior Year		
Introduction to Philosophy Ethics American Government Science or Mathematics Bible Physical Education Electives * Education * History and Political Science Mathematics Science Sociology	3 2 1 6	3 3 3 1 5
Total	15	15

^{*} See footnote on page 22.

Requirements for the B.S. Degree in Science Major in Chemistry

major in Onemistry	Semeste	
Freshman Year	1st Sem.	2d Sem.
English Composition	3	3
General Inorganic Chemistry	4 3	4 3
First Year German	3	3
Physical Education	1	1
Electives	4	4
Total	18	18
Sophomore Year		
Qualitative Analysis	5	
Quantitative Analysis	3	5 3 3 4
Mathematics	3	3
General Physics	4	
Physical Education	1 2	1 2
Total	18	
		10
Junior Year	4	
Organic Chemistry	4	4 5
Mathematics	3	-
Advanced Physics	4 6	4 4
Electives		
Total	17	17
Senior Year		
Physical Chemistry	4	4
Qualitative Organic Analysis	4	
Problems in Organic Chemistry	9	4 9
Licettes		
Total	17	17
Electives:		
Group I		
English Literature		6 4
History of U. S. and Pa.		6
Group II		
Psychology		
Philosophy		
Sociology		
Econmics Ethics		
m		
Total		10

Group I Electives are required.
Group II Electives must total ten credits.
Other Electives may be selected with approval of the adviser.
Students whose interest lies in the field of Biology may substitute courses in Advanced Biology for Advanced Physics.

Requirements for the Degree of B.S. in Engineering and A.B. in Liberal Arts

Freshman Year	Semester 1st Sem.	hours 2d Sem.
College Algebra Trigonometry English Composition History of Civilization General Inorganic Chemistry Drawing & Descriptive Geometry Physical Education Analytical Geometry Electives	3 3 2 4 2 1	3 2 4 2 1 3 3
Total	18	18
Sophomore Year		
Mechanics Differential Calculus General Psychology Physical Education Language * Literature Electives Heat and Sound Integral Calculus	4 3 2 1 3 3 2	2 1 3 3 2 4 3
Total	18	18
Junior Year		
Electricity and Magnetism Intermediate Calculus Speech Statics Principles of Economics Bible† Optics Dynamics Economic History of the United States Differential Equations	4 3 2 3 3 2	3 2 4 3 3 3
Total	17	18

^{*}The language may be either French, Spanish, or German. It should follow the same language taken in high school. If the student does not have the entrance requirements in one of these three languages he will be required to take 12 credits instead of 6 credits. The extra 6 credits will be obtained in summer school or by other means which are acceptable to the Dean.

[†] This course to be selected in agreement with the adviser.

Freshman Engineering Students must provide themselves with an acceptable slide rule and a drawing kit. These items are available in the college bookstore.

Requirements for the Degree of B.S. in Forestry

	-	
Freshman Year	Semester 1st Sem.	hou rs 2d Sem.
English Composition History of Civilization General Psychology Mathematics General Chemistry Bible Physical Education	3 2 2 3 4 2	3 2 2 3 4 2
Total	17	17
Sophomore Year		
English Literature General Biology Language Economics Modern European History Physical Education Total	3 4 3 3 3 1 ————————————————————————————	3 4 3 3 3 1
Total	17	17
Junior Year		
General Physics Language History of the United States and Pennsylvania Sociology Plant Biology Philosophy Ethics Electives	4 3 3 3 3	4 3 3 4 3
Total	17	17

Summer following Junior Year, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. degree in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
	General Chemistry General Biology English Composition College Algebra	4 4 3 3	4 4 3
	Trigonometry General Psychology Physical Education	2 1	3 2 1
	Total	17	17
	Sophomore Year		
	Qualitative Analysis Quantitative Analysis Histological Technique	5 4	5
•	Microbiology Bible English History of Civilization Physical Education	2 3 2 1	4 2 3 2 1
	Total	17	17
	Junior Year		
	Introduction to Philosophy Ethics	3 4	3
	Organic Chemistry History of the U. S. and Pennsylvania American Government	3	4 4 3 3
	Electives		
	Total	17	17

Senior Year

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Program of Nursing

Need

For a number of years, especially the last decade, an urgent need for trained nurses has existed. According to present indications the need will continue in terms of an ever increasing demand for nurses. This need is readily understood in the light of the great expansion of hospital services to the general population of civilians as well as the great expansion necessitated by war conditions of recent times.

Consequently, a constant concern for a sufficient supply of applicants, largely drawn from the ranks of girls being graduated annually from the high schools, is felt by the various institutions calling for such services.

Opportunity

It is at once apparent that excellent opportunities for girls to pursue a most worthy and humanitarian service in the profession of nursing are offered to such who may have either a temporary or a career interest in this type of service. Inasmuch as many institutions may from time to time be understaffed, the prospective student may be assured that the demand for nurses will be extended indefinitely and may never reach the point where supply will reach the demand.

Purpose of the Program

Elizabethtown College offers a program designed to help meet this social service need. The purpose of the program proposed by the college is to cooperate with the program of accredited hospitals which offer state-approved courses of nurses' training leading to an R.N. by providing the liberal arts and science courses that will extend the education of the graduate nurse. This would in an additional two years entitle the candidate to a Bachelor of Science degree in Nursing.

Furthermore, it is the purpose of such a program to prepare nurses for greater opportunities and for more responsible positions. This should greatly enhance their personal qualifications for effective service.

The Plan

Applicants for admission to this new program must meet admission requirements of both the hospital and the college.

The first two years of the five-year plan shall be spent in Elizabethtown College. The last three years shall be continued in resi-

dence at the cooperating hospital in pursuit of the regularly prescribed nursing curriculum.

Graduate nurses having completed nurses' training before entering college shall receive full consideration for admission to college upon satisfying admission requirements.

In such cases the amount of college work required shall be dependent upon the time when the training was pursued and the adequacy of the program pursued. Recent graduates of nurses' training schools may hope to complete the college course in two years as prescribed below.

Requirements for the Degree of B.S. in Nursing

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition General Chemistry General Biology Introduction to Sociology	3 4 4 3	3 4 4
Social Problems General Psychology History of Civilization	2 2	3 2 2
Total	18	18
Sophomore Year		
History of the United States and Pennsylvania	3 3 3	3
American Government Survey of Biblical History Experimental Psychology or Social Psychology College Algebra or Basic Mathematics	2 3 3	3 2
Ethics Physical Education Electives	1	3 1 3
Total	18	18

At the end of five years, upon the satisfactory completion of the two-year college course and the three-year nursing course and the passing of the State Board Examination for the R.N. degree, the student will be eligible for the degree of Bachelor of Science in Nursing to be conferred by the College.

Following is a list of the course areas given in theory and clinical experience during the student's three years in the school of nursing of the cooperating hospital.

- I. Biological and Physical Sciences, including anatomy, physiology, microbiology, and chemistry.
- II. Social Sciences, including psychology, sociology, social problems in nursing service, history of nursing, professional adjustments, and social aspects of family health.
- III. Medical Science, including pharmacology and therapeutics.
- IV. Nursing and Allied Arts, including nursing arts, nutrition, foods and cookery, diet therapy, medical and surgical nursing, obstetrics, nursing of children, and psychiatric nursing.

The minimum number of hours in the specific courses in the curriculum is prescribed by the Pennsylvania State Board of Nurse Examiners.

The Schools of Nursing are approved by the Pennsylvania State Board of Nurse Examiners, and are accredited by the National League for Nursing. The hospitals are approved by the American Hospital Association, the American College of Surgeons and the American Medical Association.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Elementary School Secondary—High School

Specific requirements:

Students who wish to prepare to teach in the elementary school should follow the curriculum as outlined on the next page. Those who desire to teach in high school should follow the curriculum as outlined for the A.B. or B.S. degrees and elect courses in education amounting to at least 18 semester hours including Introduction to Teaching, Educational Psychology and Practice Teaching as outlined below.

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.

0 1 701 1		73.1 1 1.3.6
Secondary Education		Educational Measurement
Elementary Education		Educational Sociology
Special Methods		History of Education
Hygiene		Principles of Education
	Visual	Education

Practice Teaching in the appropriate field 6 S. H

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Requirements for the Degree of B.S. in Education

Freshman Year English Composition Bible History of Civilization General Psychology Introduction to Education	Semeste 1st Sem. 3 2 2 2	r hours 2d Sem. 3 2 2 3
Physical Education Alternatives—Either A or B A. For Elementary Field *		1
Music Fundamentals Physical Science Teaching of English Teaching of Geography	2 3 3	3
B. For Secondary Field (any two subjects) Science† Languages Mathematics Total	$ \begin{array}{r} 4 \\ 3 \\ \hline 3 \\ \hline 16-17 \end{array} $	4 3 3 15–17
Survey of English Literature Bible	3 2 1	3
Alternatives—Either A or B A. For Elementary Field * Curriculum in Arithmetic Public School Music Child Psychology Teaching of Health and Hygiene Teaching of Public School Art General Biology	2 2 2 4	3 3 2 2 4
B. For Secondary Field (elect from fields of interest) Modern European History Biology, Chemistry, or Physics Mathematics Languages Principles of Economics Sociology Total	3 4 3 3 3 3 -	3 4 3 3 3 3 7 15–17

^{*} Students who elect the Elementary Field are required to take the courses as listed, † Required for a degree.

Junior Year	Semeste 1st Sem.	er hours 2d Sem.
History of the United States and Pennsylvania Educational Psychology Educational Measurements† Sociology Speech	3 3 2	3
Visual Education Physical Education	1	2
Alternatives—Either A or B		
A. For Elementary Field *		
Children's Literature Curriculum in Science Teaching of Reading Electives	3 2	3 3 3
B. For Secondary Field		
Principles and Practices of Secondary Education Others selected from field in which student expects to teach.	3	3
Total	17	17
Scnior Year		
Introduction to Philosophy Ethics American Government History of Education† Bible Alternatives—Either A or B	3	3 3 3 2
A. For Elementary Field *		
Principles of Elementary Education Practice Teaching Practicum	2 8 2	
B. For Secondary Field		
Practice Teaching Practicum Electives	8 2	6
Total	13-15	17

^{*} Students who elect the Elementary Field are required to take the courses as listed. † Either one or the other of these courses is required.

Department of Business

The Department of Business offers the following courses:

Business Administration
Business Education—Teaching
Secretarial Science

Two-year certificate course in secretarial science Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

Freshman Year	Semeste 1st	r hours 2d
	Sem.	Sem.
English Composition	3 2	3 2
Principles of Accounting	3	3
History of Civilization	2	2
Basic Mathematics or College Algebra	3	2
Mathematics of Business	3	3
General Psychology	2	2
Physical Education	1	1
Thysical Education		1
Total	16	16
Sophomore Year		
Survey of English Literature	3	3
Corporation Accounting	3	
Cost Accounting		3
Science	4	4
Principles of Economics	3	3
Introduction to Sociology	3	Ü
Physical Education	ĭ	1
Electives	-	3
		_
Total	17	17
Junior Year		
Business Law	3	3
Money and Banking	3	
Corporation Finance		3
History of the United States and Pennsylvania	3	3
Human and Economic Geography	3	3
Bible		3 3 2 3
Electives	3	3
Total	15	17
1000		
Senior Year		
Business Statistics	3	3
American Government		3
Ethics	•	3
Personnel Administration	3	•
Industrial & Labor Relations	^	3
Electives	9	3
Total	15	15
1 Otal	10	10

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3 S. H.
Education Psychology	3 S. H.
Professional Methods	6 S.H.
Practice Teaching in Business Education	6 S. H.
History of the U. S. & Pennsylvania	3 S. H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S.H.
Commercial Law	6 S.H.
Commercial Arithmetic	3 S.H.
Office Practice	3 S. H.
Salesmanship	3 S.H.
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	3 S.H.
Economics	6 S. H.
Retail Selling	12 S. H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

requirements for the Degree of D.S. in Dusines	ss Euu	Cation
Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
English Composition	3 3	3
Science Principles of Accounting Survey of Biblical History	4 3 2	4
General Psychology Physical Education	2	3 2 2 1
Total	18	18
Sophomore Year		
Survey of English Literature	3	3
Cost Accounting Elementary Gregg Shorthand * Elementary Typewriting *	3 2	3 2 3 3
Principles of Economics Introduction to Education	3	3 3
Bible	2 1	1
Total	17	18
Junior Year		
History of the United States and Pennsylvania	3 3 2	3
Business Law Business Correspondence	3	3
Office Machine Practice Secretarial Office Practice Educational Psychology	2 3	2
Electives	2	3
Total	18	17
Senior Year		
Practice Teaching Professional Practicum and School Law Introduction to Philosophy Methods of Business Education Ethics Visual Education American Government Electives	8 2 3 3	3 2 3 6
Total	16	14

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

A college trained secretary who has acquired a business and technical training along with some liberal arts courses, and who has a vital, gripping interest in what is happening in the complex Business world, has an unexcelled opportunity to become a trusted confidential associate in business. The demand for such qualified secretaries is constantly increasing.

The basic purpose of the curriculum in secretarial science at Elizabethtown College is to provide the student with cultural as well as technical courses. The two-year programs lead to certificates in Secretarial Science and in Medical Secretarial Science. Students who have had shorthand and typewriting before entering college and who pass an examination for advanced standing may elect other subjects.

At the end of the two-year program in Secretarial Science or two-year program in Medical Secretarial Science, a student desiring to complete a four-year degree curriculum can do so without loss of credits already earned. In two additional years the student can earn the degree of Bachelor of Science in Business Education and be qualified to teach in the secondary schools of the state.

Requirements for the Two-Year Course in Secretarial Science

Freshman Year	Semester 1st Sem.	hours 2d Sem.
English Composition	3	3
Elementary Gregg Shorthand *	3 2 3 2 2 1	
Elementary Typewriting *	2	3 2 3 2 2
Accounting for Secretaries	3	3
General Psychology	2	2
Bible	2	2
Physical Education	1	1
Total	16	16
Sophomore Year		
English	3	3
Advanced Gregg Shorthand	3 3 2	3
Advanced Typewriting	2	
Business Correspondence		3
Secretarial Office Practice	_	2
Office Machine Practice	2 3 3	
Introduction to Economics	3	
Basic Mathematics or Algebra	3	3
Electives		3
DICCITCS	_	_
Total	16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

1st	er hour. 2d Sem.
	3
-	
<u>ي</u>	3 2
-	4
	4
2	2
18	18
	2
2	
	2
2	-
J	2
2	3
2	2
3	3
3	
1	1
	2
18	15
	Sem. 3 3 2 4 4 2 18 2 2 2 3 3 1

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	3
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts two five-week summer sessions.

Summer sessions are organized for students who for urgent reasons wish to devote their summers to study. In each term a student may enroll for two three-semester-hour courses. It is possible for a student to earn twelve semester hours of credit toward a degree by attending both sessions. In three full summers a student may complete the equivalent of a year's work.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such parttime campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible

Assistant Professor Byerly and Miss Martin

A. History and Interpretation

10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week

2 credits

30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week 2 credits

31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

40a The Christian Faith—This is an introduction to the basic Biblical doctrines of the Christian religion. The central doctrines of the Bible are studied; such as God, man, sin, Christ and the Church.

Three hours per week Prerequisite 10ab 3 credits

B. Christian Education

10a Principles and Administration of Christian Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Two hours per week

2 credits

11b Standards and Methods in Christian Education—This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours per week

Biology

Professor Charles Apgar, Assistant Professor Bessie Apgar, and Dr. Charles Weaver

10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week

Laboratory fee, \$5.00 per semester 8 credits

Medical Secretarial Techniques—(See Secretarial Science 15ab).

Office Nursing and Laboratory Techniques—(See Secretarial Science 28a).

23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week

Prerequisite: Biology 10a-b

4 credits

30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Biology 10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week 4 credits

31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Biology 10a-b, Chemistry 10a-b, Biology 30a

Two hours recitation and a minimum of two hours laboratory per week
3 credits

40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Biology 10a-b

One hour lecture and a minimum of four hours laboratory per week

Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week 4 credits

Histological Technique-This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Biology 10a-b and Chemistry 10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

Histology—The study of cells as organized into the tissues and organs of representatives vertebrates.

Prerequisite: Biology 31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory per week

3 credits

48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professors Gray and Bucher, Miss Eastlack, Mr. Bitting, Mr. Gingrich, and Mrs. Simsack

Accounting

10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and bookkeeping for service type businesses and professional employers.

Two hours lecture and two hours laboratory per week

6 credits

11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week

6 credits

21a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

21b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week

3 credits

Prerequisite: Accounting 11ab

31a Intermediate Accounting—Various methods of closing the accounting books are studied. Further discussions follow on proprietorship and corporation accounts with a view to showing the variations of accounting methods which the accountants use. Other topics covered include analysis of statements, corrections, clean surplus theory and application of funds.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

31b Advanced Accounting—Main emphasis is placed on accounting for parent and subsidiary relationships, consolidated statements, estate accounting, trusts, home office and branches, installments, insurance and foreign exchange.

Prerequisite: Accounting 31a

Two hours lecture and two hours laboratory per week

3 credits

41a Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

41b Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analysis and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Accounting 21b

Two hours lecture and two hours laboratory per week

3 credits

45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Accounting 21a and 21b

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest,

chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Prerequisite: Mathematics 10a or 11a

Three hours per week

3 credits

20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities. Three hours per week 6 credits

21a Introduction to Economics—A beginning course in the principles and problems of economics including discussions on production, monopoly, money, banking, supply and demand, distribution, and national fiscal policy. This course is offered to meet the needs of students in education, liberal arts and secretarial science.

Three hours per week

3 credits

25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization.

Three hours per week

3 credits

34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general princi-

ples of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

37ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

39a Wholesaling—The field of marketing is sub-divided into wholesaling and retailing. This course considers the various wholesale channels of distribution, problems of costs, current changes in wholesaling and other topics of vital interest to business men in general and students of marketing in particular.

Three hours per week

3 credits

39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

Economic History of the United States—(See History 31a).

42a Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

43b Salesmanship—This course deals with the principles of personal salesmanship including preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Three hours per week

3 credits

46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Three hours per week

3 credits

47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievances, promotions, personality adjustments, communications and executive development.

Three hours ber week

3 credits

48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

49a Social Economics—This course discusses, in the light of modern standards, welfare economics, social insurance, poverty, and government regulation of business.

Prerequisite: Principles of Economics 20a-b

Three hours per week

3 credits

49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such problems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: Principles of Economics 20a-b

Three hours per week

Secretarial Science and Business Education

10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulations, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$7.50 per semester

Four hours per week

4 credits

15ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient, useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical ethics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms.

Two hours per week

4 credits

22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

One hour lecture and two hours laboratory

25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: Typewriting 12ab or permission of the instructor

Three hours per week

2 credits

26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester

Prerequisite: Elementary Gregg Shorthand 10ab

Three hours per week

2 credits

27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

28a Office Nursing and Laboratory Technique—This course is designed to acquaint the student with the nursing problems found in a physician's office and with clinical laboratory methods. Instruction is given in medical history taking, preparation for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Urinalysis and blood counting are taught as well as the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar.

Fee: \$8.00

Two hours lecture and two hours laboratory per week

3 credits

Chemistry and Geology

PROFESSOR STAMBAUGH AND PROFESSOR BAUGHER

10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students

who will continue with further courses in chemistry, or those who desire a more rigorous course than Chemistry 15a-b.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week

8 credits

15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in content. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and two hours laboratory per week

8 credits

20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Chemistry 10ab and Mathematics 11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week 5 credits

25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Chemistry 20a. Laboratory fec, \$10.00

Three hours recitation and six hours laboratory per week

5 credits

30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Chemistry 10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Chemistry 25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week
5 credits

Offered 1956-1957

44a-b Physical Chemistry-This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Chemistry 20a, 25b, 30a-b, Mathematics 21b, 30a. Laboratory

fee. \$8.00 ber semester

Three hours lecture and a minimum of three hours laboratory per week 8 credits

Offered 1957-1958

45a Qualitative Organic Analysis-A study is made of the properties of functional groups of organic compounds. Application of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$10.00

Prerequisite: Chemistry 30a-b

Two hours recitation and eight hours laboratory per week

4 credits

46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$10.00

Prerequisite: Chemistry 44a

Two hours recitation and conference and ten hours laboratory per week

4 credits

Geology-Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week

4 credits

Offered 1956-1957

Education

PROFESSORS BUCHER, FISHER, AND STUMP, ASSOCIATE PROFESSOR HOOVER, MISS RISSER, AND MRS. SHEELY

10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester Two hours per week

4 credits

14b Teaching of English—This course includes a study of the objectives, content, and methods of teaching the language arts in the elementary grades. Workbooks and textbooks are studied and evaluated. Opportunity is given for the construction of a course of study in Elementary English. Teaching of poetry and other literature for appreciation is also stressed.

Three hours per week

3 credits

15b Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

3 credits

21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week
Offered 1957-1958

3 credits

23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of 13ab, Music Fundamentals, to be taken in the freshman or sophomore year

Two hours per week

2 credits

25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions

of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester Two hours per week

4 credits

30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: General Psychology

Three hours per week

3 credits

31ab Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours per week

33a Special Class Methods—A course organized to meet the methods and needs of teachers of special education. Includes a workshop study of planning and organizing curricular materials of instruction for the primary, the intermediate, and the advanced maturational levels. This is a required course for certification for teaching in special classes.

Three hours per week

3 credits

34a Arts and Crafts for Special Classes—Especially organized to meet the needs of teachers of special education. Instruction will be given in the development of the child with crafts from the very simple to more advanced methods in woodwork; plastic; cork; weaving; paper; novelties; leather; use of salvage material; household repairs and clay modeling.

Laboratory fee, \$5.00

Three hours per week

3 credits

34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

35ab Teaching of Reading—This course includes aims, materials, and methods of teaching reading. Work-type, as well as recreatory and supplementary reading procedures are studied and evaluated. Projects, activities, units, and demonstrations are utilized. Special attention is given to the development of reading interests, tastes, prevention of reading disability as well as diagnostic and remedial measures. Basic and supplementary textbooks are reviewed and evaluated.

Three hours per week

6 credits

Offered 1957-1958

36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives

the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$2.00

Three hours per week

3 credits

39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours ber week

3 credits

41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

2 credits

42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Two hours per week

2 credits

43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the first eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week.

Prerequisites: Secondary—31ab and 42a Elementary—35ab and 42a

(The student teacher is required to provide for his own transportation)

Fee. \$40.00

Eight hours per week

44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Offered 1957-1958

45a Practice Teaching in Special Education—Observation, classroom teaching, and conferences in special education, with supervisors for a period of one semester.

Two hours per week

1 credit

45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

3 credits

46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week
Offered 1956-1957

3 credits

48a Teaching Physical Education in the Elementary School
—This course is concerned with the program of physical education
activities for the elementary school. It includes a study of small
group play, large group play, directed play, rhythmic activities and
team games, together with methods and procedures for conducting
such a program.

Two hours lecture and two hours laboratory per week

3 credits

Open to only Juniors and Seniors

49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week 3 credits

English

PROFESSOR SCHLOSSER, ASSOCIATE PROFESSOR HACKMAN,
ASSISTANT PROFESSOR KING, MR. FRANKE,
MRS. NEUMANN, MRS. HEILMAN, AND
MISS ENGLE

10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures.

Three hours per week 6 credits

22ab American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week Offered 1957-1958

4 credits

30a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Prerequisite: English 20ab

Two hours per week Offered 1957-1958

2 credits

31b The English Essay—The study of a comprehensive collection of essays, both British and American, including translation from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Prerequisite: English 20ab

Two hours per week Offered 1957-1958

32ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Prerequisite: English 20ab

Two hours per week Offered 1957-1958

4 credits

33ab The Seventeenth Century—A survey course of the period from Bacon to Dryden, but excluding Milton. Drama, prose, and poetry will be considered, as well as the relation of the literature to current philosophies.

Prerequisite: English 20ab

Two hours per week

4 credits

Offered 1956-1957

34a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Prerequisite: English 20ab

Three hours per week
Offered 1957-1958

3 credits

35b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Prerequisite: English 20ab

3 credits

Three hours per week Offered 1957-1958

36b Creative Writing—This course provides discussion of and practice in the more imaginative forms of composition, including fiction and poetry, with special attention to the interests of individual students.

Three hours per week
Offered 1957-1958

3 credits

38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours ber week

2 credits

39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course.

This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours per week

3 credits

Open to only Juniors and Seniors

40a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Prerequisite: English 20ab

Three hours per week
Offered 1956-1957

3 credits

41b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Prerequisite: English 20ab

Three hours per week Offered 1956-1957

3 credits

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Prerequisite: English 20ab

Two hours per week

4 credits

Offered 1957-1958

43a Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Prerequisite: English 20ab

Three hours per week

Offered 1956-1957

3 credits

44b Contemporary Novel—This course considers some of the major American, British, and Continental novelists of the present century. Their relation to contemporary thought and to the development of world literature will be stressed.

Prerequisite: English 20ab

Three hours per week

3 credits

Offered 1956-1957

45ab World Literature—A study of a selected group of literary masterpieces that have a relation to Western culture.

Prerequisite: English 20ab

Three hours per week

Foreign Languages

PROFESSOR NEUMANN, MRS. NEUMANN, AND MRS. HERR

Esperanto *

10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all, conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week

3 credits

Offered 1957-1958

French

10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading and dictation are stressed.

Three hours per week

6 credits

20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

40ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

German

10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week

6 credits

40ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, Schiller, Grillparzer, and Heine.

Three hours per week

6 credits

Greek

10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours ber week

6 credits

40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

History and Political Science

Assistant Professor Reuning, Mr. Greene, and MISS STRICKLER

A. History

10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

Two hours ber week

4 credits

20ab History of Modern Europe—This course offers a survey of the development of modern Europe from 1500 to the present day. Stress will be placed on the long-range political, economic, social, and intellectual movements. These various factors will be integrated to show how they affect European history.

Three hours per week

6 credits

Church History—(See Bible 23b).

30ab History of the United States and Pennsylvania-This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Special attention is given to the history of Pennsylvania as it reflects significant trends in the history of the United States. Social and cultural aspects as well as the political and the economic will be considered.

Three hours per week

6 credits

31a Economic History of the United States-This course is a study of the evolution of the economic life of the American people with special emphasis on the development of economic institutions. Three hours per week

Prerequisite: History 30ab

Offered 1957-1958

3 credits

Teaching of the Social Studies—(See Education 36a).

40ab Diplomatic History of the United States-This course is a study of the major developments in the international relations of the United States.

Prerequisite: History 30ab

Two hours per week

4 credits

Offered 1956-1957

43a Contemporary World History—This course is designed to acquaint the student with the general conditions and problems of the period since 1914. Political, diplomatic, economic, and social aspects of recent history provide the fundamentals for this course. The work will be centered around European and world wide developments.

Three hours per week
Offered 1956-1957

3 credits

44b Medieval History—This course is to be a survey of the History of Europe from 300 A. D.-1500 A. D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Catholic Church, Christian Thought and Philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week Offered 1957-1958

3 credits

B. Political Science

40a International Relations—This course is designed to acquaint the student with the major factors which influence the relationships of national states today with special emphasis on the more important international organizations presently at work in the world. To be given in alternate years.

Three hours per week
Offered 1957-1958

3 credits

41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government.

Three hours per week

3 credits

42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy.

Two hours per week
Offered 1956-1957

2 credits

Mathematics

Associate Professor Heilman and Mr. Rouse

10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in math-

^{*} Does not count toward a major.

ematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Three hours per week

3 credits

11a College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

Prerequisite: Two years of high school mathematics or Mathematics 10a

12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Knowledge of Plane Geometry and Algebra

Three hours per week

3 credits

15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

3 credits

16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 credits

Prerequisite: Knowledge of Plane Geometry

20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Mathematics 11a and 12b

Three hours per week

3 credits

21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponential functions with practical applications.

Prerequisite: Mathematics 20a

Three hours per week

3 credits

23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Mathematics 11a and 12b

Three hours per week

25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Mathematics 11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—(See Education 25b).

30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Mathematics 21b

Three hours per week

3 credits

31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Mathematics 30a

Three hours ber week

3 credits

32a Differential Equations—This course includes the solution of ordinary differential equations, covering first and second order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Mathematics 30a

Three hours per week

3 credits

41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Knowledge of Algebra and Trigonometry. Laboratory fee \$2.00

Three hours per week

3 credits

42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Mathematics 11a and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

Professor Fisher, Mrs. Meyer, Mr. Lunt, and Mr. Herr

The student who majors in music may work out a concentration in (a) Music History and Theory, (b) Church Music, or (c) Musical Performance. (See Music under Majors for A.B. in Liberal Arts—page 16.)

- (a) The student concentrating in Music History and Theory is required to take Music History and Appreciation (4 credits), Music Fundamentals (4 credits), Harmony (4 credits), Applied Music (4 credits), and Ensemble (2 credits).
- (b) The student concentrating in Church Music is required to take Church Music (4 credits), Music Fundamentals (4 credits), Music History and Appreciation (4 credits), and Vocal Ensemble (2 credits).
- (c) The student concentrating in Musical Performance is required to take Applied Music (8 credits, 4 of which shall be in the same branch), Music Fundamentals (4 credits), Harmony (4 credits), Ensemble (2 credits), and to present a satisfactory recital in one or more branches of applied music in the senior year.

Students other than those majoring in music may elect 20 semester hours of credit in music toward the A.B. degree. If credit in excess of 2 semester hours is desired for Applied Music, this credit shall be accompanied by an equal number of semester hours in Theory, History and Appreciation, or Church Music. A maximum of 8 semester hours in Ensemble music may be applied towards the A.B. or B.S. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a selection such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the following pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

A. Theory of Music

13a-b Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester, scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semesters of 13ab, Music Fundamentals

Two hours per week

4 credits

Offered 1956-1957

Public School Music-(See Education 23a).

B. History and Appreciation of Music

32ab History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week

4 credits

Offered 1957-1958

C. Church Music

42ab Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week
Offered 1956-1957

4 credits

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range, quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

E. Ensemble

(No tuition charge. No credit unless attendance at rehearsals and public performances is satisfactory, and unless participation extends over the entire school year.)

College Choir

Three hours per week (two rehearsals)

2 credits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Chapel Choir

Rehearsals by special appointment

No credit

(Personnel changes several times during the year.)

Philosophy

Professor Schlosser

41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week 3 credits

Physical Education and Health

Mr. Herr, Mr. Smith, and Miss Risser

10ab Physical Education—Instruction and practice in fundamental techniques of seasonal team, dual, and individual activities for development of basic skills, knowledges and attitudes in these activities.

Two hours per week

20ab Physical Education-Continuation of instruction and practice in seasonal activities with emphasis on advanced techniques, skills, and knowledge in these activities.

Prerequisite: Physical Education 10ab

Two hours per week

2 credits

21b Camp Counseling—Instruction and practical experience in camp activities and camperaft with development of leadership in these activities and the camping program.

Three hours per week

3 credits

Teaching of Health and Hygiene—(See Education 26ab).

23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are included in this course. Actual participation in the various sports such as soccer, basket-ball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Mr. Custer and Mr. Hertzog

10b Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meterology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00 Three hours ber week

3 credits

12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

If possible the student should provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed during the first semester.

Two hours recitation and three hours laboratory per week

6 credits

Laboratory fee: \$10.00 per semester

17a-b Drawing and Descriptive Geometry-The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments.

One hour lecture and five hours laboratory per week

4 credits

20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Mathematics 11a and 12b Laboratory fee, \$7.50 per semester

Three hours recitation and two hours laboratory per week

8 credits

Courses 21a, 22b, 30a, 31b form a unified course in Physics, and they are intended for those wishing an intensive covering of Physics. Students majoring in Chemistry or Mathematics should, if possible, plan to take these courses. The mathematical approach will be used.

21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Mathematics 21b (or concurrently)

Three hours recitation and two hours laboratory per week Laboratory fee, \$7.50

4 credits

22b Heat and Sound—The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Physics 21a and Mathematics 30a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee, \$7.50

30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohms Law, Kirchhoffs Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism, alternating currents, radiation, and electronics.

Prerequisite: Physics 22b

Three hours recitation and two hours laboratory per week Laboratory fee, \$7.50

31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Physics 30a

Three hours recitation and two hours laboratory per week 4 credits

Laboratory fee, \$7.50

40a Statics-This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisite: Mathematics 30a and Physics 21a

Three hours per week

3 credits

Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Physics 40a

Three hours recitation and two hours laboratory per week

3 credits

Psychology

Professor Bucher and Professor Stump

10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people.

Two hours per week

4 credits

20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Three hours per week Laboratory fee. \$3.00

3 credits

Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Three hours per week

31b Psychology of Exceptional Children—An overall consideration of the psychology of exceptional children, including the mentally superior, mentally retarded, defective and physically handicapped.

Three hours per week

3 credits

32b Mental Hygiene—Dynamics of personal and social adjustment and maladjustment, particularly as they relate to child and adolescent development.

Three hours per week

3 credits

36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Three hours per week

3 credits

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Three hours per week

3 credits

Offered 1957-1958

Sociology

Assistant Professor Rudwick

10a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 credits

20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

Prerequisite: 10a
Offered 1956-1957

21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental de-

rangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per week

3 credits

Prerequisite: 10a

31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week Prerequisite: 10a 3 credits

32b Intergroup Relations—An analysis of intergroup relations involving racial, ethnic, and religious minorities in the United States and selected regions of the world.

Three hours per week Prerequisite: 10a 3 credits

40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Prerequisite: 10a Offered 1956-1957

41b Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week Prerequisite: 10a 3 credits

Offered 1957-1958

42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week Prerequisite: 10a 3 credits

Offered 1957-1958

43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week

3 credits

Prerequisite: 10a

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, debating, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas, and Easter vacations. This fee amounts to \$1060.00.

Day Students

The expenses for a student attending College from his own home are \$550.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

,	Resident Students	Day Students
At the opening of College	\$265.00	\$137.50
On or before December 1	265.00	137.50
On or before February 1	265.00	137.50
On or before April 1	265.00	137.50

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

The tuition charge for less than 10 and more than 18 hours per week is \$15.00 per semester hour when students take work with regular classes. Whenever choir, chorus, and/or band increases the student's number of semester hours beyond the maximum number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

[80]

^{*} This charge does not include the accident insurance premium required of all students. See page 88.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the President. If the withdrawal occurs before the end of the semester, the student is obligated for the entire semester's bills, except for the unused board at the rate of \$5.00 per week, and for tuition charges as follows:

Period of Attendance	Per Cent of
from date of enrollment	Quarters Charge
Less than 2 weeks	25%
Between 2 and 4 weeks	50%
Between 4 and 6 weeks	75%
Between 6 and 8 weeks	100%

General Expense Information

The cost of one lesson per week in piano, voice or organ is \$30.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

A late registration fee of \$2.00 will be required of any student who fails to complete registration on officially established dates.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing. For examinations not taken on regularly scheduled dates, students will be charged \$1.00 per semester hour.

Each student is credited with a total of \$7.50 per year from his college fee toward an alumni life membership fee of \$20.00 and a class membership fee of \$10.00. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A fee of \$5.00 must accompany the "Application for Admission." This fee, covering the cost of processing the prospective student's application, is non-refundable and cannot be applied toward the payment of other charges.

A successful applicant for the September term should send to the Director of Admissions, Elizabethtown College, a matriculation deposit of \$10.00 on or before May 20. Those receiving notification of acceptance after May 5, should send the \$10.00 matriculation deposit within 15 days of the date of notification. Boarding students will be required to deposit \$10.00 for a room reservation. Both deposits will be credited to the student's account when he matriculates. If a successful applicant withdraws before August 1, the advance deposits will be returned. No refunds will be made after August 1.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The Elizabethtown College Scholarships range in value from \$600.00 to \$1000.00 distributed over four academic years. A stu-

dent to be eligible must be graduated in the highest fifth of his class.

A \$600.00 scholarship, available at the rate of \$150.00 per year, is awarded to students who are graduated in the upper fifth of their classes.

If the student ranks in the first decile of his graduating class the scholarship is increased to \$800.00, available at the rate of \$200.00 per year. Should the student be graduated first or second in rank in his respective graduating class the scholarship is worth \$1000.00, available at the rate of \$250.00 per year.

The holder of this scholarship must maintain a scholastic average of not less than "B" in order to be eligible for the scholarship in the following year.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest fifth of his class.

The College also offers scholarships to ministers and missionaries and their children. To receive a minister's scholarship a student is required to file a written application and present satisfactory evidence of his licensure.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

National Secretaries Association Scholarship

The Lancaster Chapter of the National Secretaries Association makes an annual award of \$200.00 to a high school graduate from a high school in Lancaster City or County who enrolls in the College's Curricula of Secretarial Science or Business Education. The scholarship is granted on the basis of financial need, scholastic ability and potential success in the secretarial field.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

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Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their expenses. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$25.00 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Secretarial Science are eligible.

The Weaver-Zeigler Prize—A prize of \$15.00 is awarded annually to that member of the senior class who during his or her career at college has shown the greatest interest and scholarship in the courses in Bible and Christian leadership. This prize is given by Carl and Naomi Weaver Zeigler, classes of 1931 and 1934, in memory of their parents Reverend George W. and Magdalena Oberholzer Weaver and Harvey F. and Susan Wenger Zeigler.

Accounting Award

Each year the Pennsylvania Institute of Certified Public Accountants awards "The Accountants Handbook" to a member of the graduating class whose academic ability in accounting is excellent and whose professional attitudes and characteristics are highly commendable.

The Wall Street Journal Award

Each year the Wall Street Journal makes an award of a medal and a year's subscription to the newspaper to a graduating student who has done outstanding work in the field of finance and business.

General Regulations

Only upon petition to the faculty can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Treasurer.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

Each room is furnished with a wardrobe, a dresser, a table, two single beds with mattresses, two chairs, and a book rack. Each student is required to furnish the following articles for his room: two pairs of single sheets, three pillow cases, two spreads, sufficient blankets and comforters, one mattress protector, one pillow, and a study lamp, preferably of the fluorescent type. Permission for use of any electrical equipment, other than lamps, must be secured through the office of the respective dean.

To make the room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

The College approves a linen rental service which, for an established fee, will supply each student weekly with linens. A letter explaining this service will be sent to each resident student during the summer months. Facilities for personal laundry are available in the dormitories.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safeguard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge,

and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$8.00 for men and \$4.00 for women per college year. It is compulsory on the part of all students to carry this insurance.

Intramural Program

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, wrestling, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athletic Conference, the National Association of Intercollegiate Athletics, and the National Collegiate Athletic Association.

Women have intercollegiate competition in basketball and field hockey.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are ipso facto members of the Student Association.

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the College Choir is chosen from the membership of the College Chorus, and consists of thirty-six to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the College Choir takes frequent trips, giving concerts in Brethren churches and other churches of Pennsylvania. The College Choir also prepares a repertoire of secular music which is presented at some time during the second semester of each school year.

The College Chorus is an organization consisting of around a hundred members, which presents a great oratorio at some time during the school year. The oratorio is presented in the college auditorium, with guest soloists and college soloists.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the College Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and make frequent public appearances in churches, high schools, and other places. The Chapel Choir is a select ensemble of twenty mixed voices; they rehearse at times convenient to the group, and contribute to the worship in chapel services by singing anthems and responses. The personnel of the Chapel Choir changes several times during the year, in order to provide more of this type of musical experience for more students.

Buildings and Grounds

Elizabethtown College, ideally situated on an attractive campus of some fifty acres, provides baseball diamonds, a soccer field, a hockey field, all-weather tennis courts, and a large lake. These adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and a women's day student room.

Rider Memorial Hall

During January, 1905, the trustees planned the erection of a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906, as Memorial Hall. On the first floor are located the college store and a recreation room. Faculty offices, classrooms, a music studio and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third college building was dedicated. This is a three-story brick building used as a women's dormitory. The first floor contains an infirmary, a guest room, and an apartment for the head of residence.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a science building. The first floor contains two laboratories, one lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another lecture room on the second floor. All the laboratories are equipped with furniture and fixtures appropriate to departmental needs.

Auditorium-Gymnasium

In 1928 the College took steps to raise a fund for an auditoriumgymnasium. This movement was given an impetus in the challenge of Mr. Joseph C. Johnson of Montgomery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious auditorium-gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided adequately for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work.

The basement is equipped with lockers and lavatories for both men and women. Storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$20,000 has been contributed by alumni and friends of the College.

Dwellings

Six dwellings are located on the campus and furnish residence for members of the faculty.

The Library

The new Library building was completed in 1950. A brick structure with colonial architectural lines, it is furnished with the latest type of library furniture and equipment. It provides space for approximately 50,000 volumes. When the need arises additional space can be made available for another 25,000 volumes. The main reading room accommodates 80 students. Approximately 3,000 volumes and more than 100 magazines are available to students in the main reading room.

The first floor is devoted to seminar and lecture rooms, a vault, the receiving room, the Brethren historical records room, and the lavatories. The main floor is devoted to the reading room, the service desk, the card index, cataloging room, the librarian's office, and a cloak room.

This Library building, made possible through the substantial gifts of a large number of friends of Elizabethtown College, occupies a central place on the campus. It is easily accessible to all the students, classrooms, and laboratories.

The entire collection of books and periodicals is classified according to the Dewey decimal system, using Library of Congress cards. The number of volumes, including public documents, is over 20,000.

In the reference section are found encyclopedias, dictionaries, indexes, and a carefully selected list of books for reference. The file of bound volumes of magazines is very complete.

A fund, amounting to \$300, donated in memory of Mr. Elias M. Baugher, was given by friends to the College. A fund, amounting to \$200, donated by members of the Church of the Brethren residing in Eastern and Southern Pennsylvania, also provides library support. The income of these funds is used in the purchase of books for the Bible department.

A fund amounting to \$500, known as the "John H. Espenshade Physical Education Fund" was established in the memory of John H. Espenshade, Class of 1939, who gave his life in Italy in 1943, during World War II. This fund was established by his sister and brother, Jane Espenshade Murray and Eby C. Espenshade, '35, to provide books for the Physical Education department.

The library regularly receives more than 150 scholarly periodicals, abstracts, indexes, and transactions of learned societies.

The library is open daily during regular sessions, with the exceptions of Friday evenings and Saturday afternoons, and Sundays and holidays. It is available for use by anyone.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Lake Placida, developed near an evergreen grove on east campus under the sponsorship of the Alumni Association, is a spot where students find opportunity for relaxation and fun. At its edge the annual Freshman-Sophomore tug of war, as well as picnics and vesper services are held.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

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Officers 1955-1956
President, Carl G. Herr, '38
Harrisburg
President, Arthur Risser, '39
Juniata Valley
President, Ruth (Buffenmyer) Burris, '32
Lancaster
President, Dr. Charles E. Weaver, '26
Lebanon Valley
President, Hiram Groff, '33
Philadelphia
President, John Speidel, '41

York

President, Norman Reber, '30
Chicago-Elgin
President, Mark Keeney, '54
The Alumni Council
President, Carl G. Herr, '38 Vice-President, Louise (Baugher) Black, '46 Elizabethtown, Pa. Secretary, Laura (Frantz) Pfautz, '21 Elizabethtown, Pa. Treasurer, Elwood S. Hackman, '35 Elizabethtown, Pa. Hershey, Pa. Executive Secretary, Eby C. Espenshade, '35 Martha Bucher, '42 David J. Markey, '47 Leah (Musser) Zuck, '37 Elizabethtown, Pa. Edgar T. Bitting, '50 Russell S. Hackman, '35 Mount Joy, Pa. Russell S. Hackman, '37 Margaret Miller Cassel, '38 Paul S. Herr, '36 Elizabethtown, Pa. Lititz, Pa. Paul S. Herr, '36 Elizabethtown, Pa. Margaret Miller Cassel, '38 Lititz, Pa. Paul S. Herr, '36 Elizabethtown, Pa. Janet Senft, '47 J. Albert Seldomridge, '52 Audubon, N. J. Horace E. Raffensperger, '21, Trustee Elizabethtown, Pa. Ethel M. B. Wenger, '24, Trustee Galen C. Kilhefner, '30, Trustee Elizabethtown, Pa. Elizabeth

Commencement

Monday, May 30, 1955 10:00 A.M.

Address: RALPH W. SOCKMAN, D.D., LL.D.

Minister, Christ Church, New York

Honorary Degrees

RALPH W. SOCKMAN, Doctor of Humane Letters
CHARLES F. JENKINS, Doctor of Divinity
NEVIN H. ZUCK, Doctor of Divinity

Degrees in Course

Bachelor of Arts in Liberal Arts

CHRISTINE ANN BUCCIERI
EDYTH EDWARDS HICKS
*Donald H. FogelsangerShippensburg, Pa.
KENNETH L. Franklin Elizabethtown, Pa.
CARL DONALD GEARY
ELWOOD S. GRIMM Elizabethtown, Pa.
EUGENE LEHMAN MADEIRA
RICHARD JOSEPH MAGEE Easton, Pa.
Grace J. MutzabaughLancaster, Pa.
RUTH BECKER MYERSLancaster, Pa.
*Robert Vernon Neeb
Delbert Paul RiceZullinger, Pa.
WALTER METTLEN SCHELL
IRVIN PHILIP WILLIAMS
Samuel Richard Williams

Bachelor of Science in Science

JAY DONALD ALBRIGHT, Magna Cum Laude Elizabethtown, Pa. ROBERT JAMES BIELO East Petersburg, Pa. SAMUEL JOHN DOCK, JR. Mt. Joy, Pa. R. STUART GOODWIN Feasterville, Pa. GEORGE WILLIAM HEISEY Lebanon, Pa. WILLIAM GEORGE HEISEY Lebanon, Pa. †GEORGE KANOFF Elizabethtown, Pa. †HENRY LLOYD KREIDER MOUNT JOY, Pa. JAMES M. MILLER, JR., Cum Laude Elizabethtown, Pa. BURNS C. NIPPLE ROYALDER ROYALDER.	
BURNS C. Nipple Royaltown, Pa. A. Ruth Oldham Fishertown, Pa. CLifford Eugene Schott Berlin, Md.	

^{*} Degree granted August 5, 1955.

[†] Degree granted January 21, 1955.

Bachelor of Science in Business Administration	
George S. Achorn, Jr. CLAIR FREDERICK FAWBER PAUL MICHAEL GRUBB, JR. W. DONALD MARTIN RICHARD ELSWORTH MCELRATH, Cum Laude JAY CLAUDE RUTHERFORD DONALD ROY ZOOK, Summa Cum Laude Elizabethtown, Pa. Donald Roy Zook, Summa Cum Laude Dillsburg, Pa.	
Bachelor of Science in Business Education	
*Elsie Gossett Care Harrisburg, Pa. Marilyn Jane Deppe Lebanon, Pa. *Joyce Anne Witmyer Lancaster, Pa.	
Bachelor of Science in Secondary Education	
*Jaywood Lavern Brubaker Palmyra, Pa. Mary Jane Hoffer Mount Joy, Pa. Harvey Ralph Jacobs, Jr. Cherokee, N. C. Peter Louis Vassil Lancaster, Pa.	
Bachelor of Science in Elementary Education	
*Marigrace Bucher Mount Joy, Pa. *Hazel Crankshaw Maytown, Pa. H. Jean Diehl Hummelstown, Pa. Jane Ruth Franklin Oxford, Pa. Marion Haldeman Geary Henry Rhodes Hoerner, Jr. Elizabethtown, Pa. Nancy Louise Hoffman, Cum Laude Reading, Pa. Hazel Evelyn Knappenberger West Leesport, Pa. Patricia M. Kratz, Cum Laude Elverson, Pa. Nancy K. Moyer Telford, Pa. Helen Kipp Rider, Cum Laude Middletown, Pa. Ray E. Thompson Middletown, Pa. Ruth Martin West Highspire, Pa.	
Recipients of Certificates	
Medical Secretarial Science	
Dorothy I. Anderson Delta, Pa. Fern Louise Diehl Hummelstown, Pa. Doris Kipp Newport, Pa.	
Secretarial Science	
Janice Elaine BrisbinYeagertown, Pa.Leah A. DankelRockaway, N. J.Shirley Jane GarrettLewistown, Pa.Gloria Anne GladfelterNew Cumberland, Pa.Nancy Ann GroffMarietta, Pa.Gladys M. HinsonElizabethtown, Pa.Elva Jean LehmanLawn, Pa.	
Medical Technology	
Carol Kay Berry	

^{*} Degree granted August 5, 1955.

Register of Students

1955-1956

Seniors

Men

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Nach, Charles
Seidel, George
SHENK, H. MARTINR. D. 3, Manheim
SMITH, JOSEPH ABox 278, Carlisle

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	, JrR. D. No. 3, Elizabethtown
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	STER117 Balm St., Harrisburg
	N J 5337 Earl Drive, Harrisburg
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KREIDER, CALEI	BR. D. 4, Lebanon
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STECKBECK, H.	ARPEREast Petersburg
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Warfel, Kenneth
Wells, Richard
WHITACRE, HOWARD
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Beck, Clara
BISHOP, NANCY LOU
Bolze, DeloresLandisburg
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Coulson, Mary
Cox, Nancy Lee
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MEYER, MARIAN
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RAMER, BONNIE New Bloomfield
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Varner, Janet
Whisler, Naomi

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DIXON, MARY ANN
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REHMEYER, ELIZABETHStewartstown
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SNODGRASS, HAZEL
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Belicic, Matthew J
Drivery Davie H
BLANSET, DAVID H
BORTZFIELD, JAMES N
BUSH, JOHN K
CLARK, BENJAMIN E
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Warfel, M. Kenneth
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Watson, Andrew J R. D. 3, Harrisburg
WAY, JOHN E., JR
WITTLE, KENNETH E
YEINGST, JAMES L. M
ZARFOSS, JAMES W
Zantous, James III.
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Goss, Katheyn B. 349 Wyatt Road, Harrisburg Graybell, Ruth R. D. 1, Hummelstown Heim, Hazel 43 Wharton Ave., Middletown Hess, Lois R. D. 1, Mount Joy Hummelstown Jackson, Mary Hummelstown Jackson, Mary Hummelstown Jackson, Mary L. 301 Adelia St., Middletown Kelly, Isabel 1009 West Water St., Elmira, N. Y. Kennedy, W. S. 276 West Fifth St., Lewistown Kugelman, Joan 34 Columbia Drive, Middletown Kling, Ruth J. Blairs Mills Lerroy, Betty S. P. O. Box 71, Middletown Lewis, Mary K. 4611 Vine St., Versailles, McKeesport Lutz, Pearl R. D. 3, Harrisburg Martin, Mary E. R. D. 3, Harrisburg Martin, Mary D. R. D. 1, Marietta Martin, Mary D. R. D. 1, Marietta Martin, Mary E. 140 Orange St., Elizabethtown Mummert, Janice L. 127A West Princess St., York Myers, Ruth 1542 Lititz Pike, Lancaster Nicol, Mary B. 20 Walker St., Gaithersburg, Md. Oxenford, Dorothy J. 705 Blue Eagle Ave., Blue Ridge Manor, Harrisburg Bishop, Maryland Raysor, Naomi 2923 Birch St., Harrisburg Raradon, Betty 843 F. Carnell, Whittier, Calif. Shelly, Patricia R. D. 4, Manheim Stoner, Ktal	GOLDSTONE, ROCHELLE B
Graybill, Ruth R. D. 1, Hummelstown Heim, Hazel 43 Wharton Ave, Middletown R. D. 1, Mount Joy Howard, Mary Hummelstown Howard, Mary Hummelstown Jackson, Mary L. 301 Adelia St., Middletown Kelly, Isabel 1009 West Water St., Elmira, N. Y. Kennedy, W. S. 276 West Fifth St., Lewistown Kugelman, Joan 34 Columbia Drive, Middletown Kling, Ruth J. Blairs Mills Leroy, Betty S. P. O. Box 71, Middletown Lewis, Mary K. 4611 Vine St., Versailles, McKeesport Lutz, Pearl R. D. 3, Harrisburg Martin, Garnette Maugansville, Maryland Martin, Mary D. R. D. 1, Marietta Martin, Mary D. R. D. 1, Marietta Martin, Mary E. 140 Orange St., Elizabethtown Mummert, Janice L. 1274 West Princess St., York Myers, Ruth 1542 Lititz Pike, Lancaster Nicol, Mary B. 20 Walker St., Gaithersburg, Md. Oxenford, Dorothy J. 705 Blue Eagle Ave, Blue Ridge Manor, Guillen, Cecil Bishop, Maryland Raysor, Naomi 2923 Birch St., Harrisburg Reardon, Betty 843 F. Carnell, Whittier, Calif. Shelly, Patricia R. D. 4, Manheim Stoner, Rita Marietta	
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STONER, RITA	SHELLY, PATRICIA
SWIGART, KATHRYN	
	VARNER, JANETSpring Run
Wingert, Barbara L 15 Oak Hill Drive, Middletown	WINGERT, BARBARA L

Summary

Number of Students, 1954-1955

	Men	Women	Total
Seniors	40	24	64
Juniors	57	30	87
Sophomores	75	56	131
Freshmen	117	65	182
Special Students	7	1	8
Part-time Students	25	25	50
Lebanon Valley-Elizabethtown College Extension			
Center	18	37	5.5
York Hospital	1	24	25
Intersession, 1955	38	40	78
Summer Session, 1955	46	46	92
Special Session, 1955	9	0	. 9
Red Lion Extension	1	16	17
- ·		264	=00
Total	434	364	798
Names Repeated	58	38	96
Grand Total	376	326	702

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Dear Sir:	
I am interested in Elizabethtow	n College.
Send me an Application	on for Admission form.
Arrange an interview	for me on the campus.
Send me information	about honor scholarships.
NAME	
STREET	CITY & STATE
HIGH SCHOOL	_Date of Graduation
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DIRECTOR OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA	4
Dear Sir:	
I am interested in Elizabethtow	n College.
Send me an Application	on for Admission form.
Arrange an interview	for me on the campus.
Send me information of	about honor scholarships.
NAME	
STREET	_CITY & STATE
HIGH SCHOOL	_Date of Graduation
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DIRECTOR OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA	A
Dear Sir:	
I am interested in Elizabethtow	n College.
Send me an Application	on for Admission form.
Arrange an interview	for me on the campus.
Send me information of	about honor scholarships.

STREET_____CITY & STATE__

NAME_

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA





ELIZABETHTOWN COLLEGE Elizabethtown, Pa.



Bulletin

1958

19	57	1958		
JANUARY	JULY	JANUARY	JULY	
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS	
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Addenda

The following items have been omitted from the curricula indicated below:

Engineering — Page 28 Junior Year Bible

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Forestry --- Page 29

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Business Administration — Page 39 Sophomore Year Science

1st Semester 4 s. h. 2nd Semester s



Library Building



Elizabethtown College Bulletin

Published Quarterly
Fifty-eighth Annual Catalog Number



Accredited by the Middle States Association and
The University of the State of New York

Student Register for 1956-1957

Announcement of Courses 1957-1958

Vol. XLIII

January, 1957

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa., under Act of Congress of August 24, 1912 (No subscription price.)

College Calendar

Summer Sessions-1957

June	10	Monday, 8:00 A.MSummer Session I Begins
July	4	Thursday Independence Day (No Classes)
JULY	12	Friday, NoonSummer Session I Ends
JULY	15	Monday, 8:00 A.MSummer Session II Begins
August	16	Friday, Noon Summer Session II Ends

Academic Year 1957-1958

September	9-10	Monday-TuesdayFreshman Orientation
September	11	WednesdayFreshman Registration
SEPTEMBER	12	ThursdayUpperclassman Registration
September	13	Friday, 7:40 A. M
September	13	Friday, 9:30 A. MFirst All-College Assembly
September	20	Friday, 10:00 A.M
September	23	Monday
OCTOBER	19	Saturday Home Coming Day
November	13	WednesdayFounder's Day
November	26	Tuesday, 5:00 P. M Thanksgiving Recess Begins
December	2	Monday, 7:40 A. M
DECEMBER	20	Friday, 5.00 P. M
January	6	Monday, 7:40 A. M
JANUARY	16-22	Thursday-WednesdayFirst Semester Examinations
JANUARY	22	Friday, 5:00 P. MFirst Semester Ends
JANUARY	27-28	Monday-Tuesday Second Semester Registration
JANUARY	29	Wednesday, 7:40 A. MClasses Begin
APRIL	3	Friday, 5:00 P. MEaster Recess Begins
APRIL	8	Monday, 7:40 A. M
May	10	Saturday May Day Activities
MAY	2 6–30	Monday-Friday Second Semester Examinations
May	30	Friday, 5:00 P. M Second Semester Ends
May	31	SaturdayAlumni Day
June	1	SundayBaccalaureate Service
June	2	Monday

Summer Sessions-1958

June	9	Monday, 8:00 A. MSummer Session I Begins
JULY	4	Friday Independence Day (No Classes)
JULY	11	Friday, 12:00 NoonSummer Session I Ends
JULY	14	Monday, 8:00 A. M Summer Session II Begins
August	15	Friday, 12:00 NoonSummer Session II Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900, for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination to all regardless of race or creed.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- (a) That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- (b) That a man can give his best only when he keeps his mind as the master of his body.

- (c) That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- (d) That life in college calls for hard work and firmness of purpose.
- (e) That a college education is regarded not only as "preparation for life" but as life.
- (f) That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren, which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Gambling and the use of alcoholic beverages are strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative office and faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

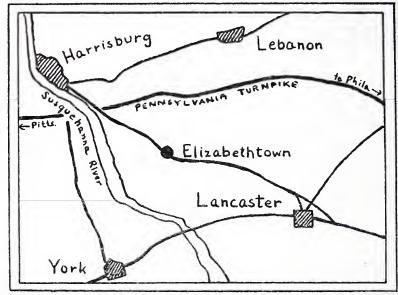
Location

Elizabethtown College is located in the southeastern section of Elizabethtown, Pennsylvania, midway between Lancaster and Harrisburg. The spacious campus borders upon the residential section of town on the north and west and reaches to the open fields on the east and south.

Elizabethtown, a borough in northwestern Lancaster County, has a population of 6,000. It is accessible by rail—on the main line of the Pennsylvania Railroad, by car—on Route 230 and 13 miles from the Harrisburg, East (Highspire) interchange of the Pennsylvania Turnpike, and by air—25 miles from the Harrisburg Airport. The borough is equidistant (approximately 18 miles) from three county seats: Lancaster, Lebanon, Harrisburg, and is 26 miles from York.

Elizabethtown is some 90 miles west of Philadelphia, 50 miles west of Reading, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college shares in the cultural life of its community. Many of its faculty members are leaders in community affairs, and students are welcomed in the many churches of the town.



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The Board holds two regular meetings each year, the one during Commencement week, and the other on the second Saturday in October.				
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The Chairman of the Board and the President of the of all committees.	College are ex-officio members

The Faculty

A. C. BAUGHER /

President

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

ROY MCAULEY V

Dean

B.S., McPherson College, 1944; B.D., Bethany Biblical Seminary, 1946; M.A., University of Omaha, 1949; Ed.D., University of Denver, 1955.

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.
L. D. Rose

Emeritus Professor of German and Librarian

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

Luella Fogelsanger Rowland

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

RALPH WIEST SCHLOSSER

Professor of English

Pd.B., Eliazbethtown College, 1911; A.B., Ursinus College, 1912; A.M., Ursinus College, 1912; Litt.D., Ursinus College, 1932; Student, Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

CHARLES S. APGAR

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

O. F. STAMBAUGH

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., Pennsylvania State University, 1933; Ph.D., Pennsylvania State University, 1943.

Frederick C. Neumann

Professor of Language

Ph.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

NEVIN W. FISHER

Professor of Music

Graduate, Blue Ridge College, Department of Music-Piano, 1919, Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M.Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

N. FRANKLIN STUMP

Professor of Education

B.S., University of West Virginia, 1921; A.M., Yale University, 1923; Ph.D., Cornell University, 1935; Graduate Student, Columbia University, and New York University.

Elmer B. Hoover

Associate Professor of Education and Director of Teacher Training B.S., Juniata College, 1937; M.Ed., Pennsylvania State University, 1939; Graduate Student, Pennsylvania State University.

CARL E. HEILMAN /

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University; Temple University.

EPHRAIM GIBBLE MEYER

Reference Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, Elizabethtown College, 1921; A.B., Elizabethtown College, 1924; Student American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Diploma, Teacher of Public School Music, Columbia University, 1930; Graduate Student, Columbia University.

VERA R. HACKMAN

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

ALBERT L. GRAY, JR.

Associate Professor of Business

B.S., Drexel Institute of Technology, 1939; M.B.A., Boston University, 1940; Graduate Student, University of Pennsylvania.

K. Ezra Bucher

Treasurer and Associate Professor of Business Education

B.S., Elizabethtown College, 1932; Student, Lebanon Valley College; M.S., New York University, 1936.

WILHELM REUNING

Associate Professor of History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Ph.D., University of Pennsylvania, 1956.

ROBERT A. BYERLY

Associate Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

ALICE S. HEILMAN

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948; Graduate Student, Temple University.

EBY C. ESPENSHADE

Director of Admissions and Alumni Secretary

B.S., Elizabethtown College, 1935; M.Ed., The Pennsylvania State University, 1948; Graduate Student, Duke University.

JAMES ROY KING

Assistant Professor of English

A.B., Rutgers University, 1947; Graduate Student Princeton Theological Seminary, 1947; M.A., University of Pennsylvania, 1949; Ph.D., University of Pennsylvania, 1952.

BESSIE D. APGAR

Assistant Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvania, 1934.

D. PAUL GREENE

Dean of Men and Assistant Professor of History

A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

ELINOR EASTLACK

Assistant Professor of Business Education

B.S., The Pennsylvania State University, 1954; M.Ed., The Pennsylvania State University, 1949.

EDGAR T. BITTING

Assistant Professor of Busincss

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

HARRY ROBERT BECK

Assistant Professor of History

A.B., University of Pennsylvania, 1950; A.M., University of Pennsylvania, 1951; Ph.D., University of Pennsylvania, 1956.

JOHN JASPER SPURLING

Assistant Professor of Sociology

A.B., Talladega College, 1949; A.M., New York University, 1951; Graduate Student, New York University, 1951-1953; Study in the Graduate Faculty of Political and Social Science, Columbia University, 1953.

IRA R. HERR

Instructor in Physical Education and Director of Athletics

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

GERTRUDE ROYER MEYER

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peahody Conservatory of Music.

EMMA R. ENGLE

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

HUBERT M. CUSTER V

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944; Graduate Student, Franklin and Marshall College.

WILBUR E. WEAVER V

Business Manager and Instructor in Business Education

B.S., Elizahethtown College, 1937; M.Ed., Temple University, 1942.

DONALD P. SMITH V

Instructor in Physical Education

B.S., University of Mississippi, 1950; Graduate Student, University of Mississippi.

H. Ronald Rouse

Instructor in Mathematics

A.B., Vanderhilt University, 1950; Graduate Student, Vanderhilt University.

JULIA A. RISSER

Instructor in Physical Education

B.S., Lock Haven State Teachers College, 1954; Graduate Student, Northwestern University.

RAYMOND C. FRANKE V

Instructor in English

A.B., University of Wisconsin, 1949; M.A., Johns Hopkins University, 1950.

CLARENCE G. ENTERLINE

Instructor in Education

B.S., Albright College, 1933; Elizabethtown College; Muhlenberg College; Wharton School of Commerce; M.S., University of Pennsylvania, 1936; Graduate Student, University of Pennsylvania, University of New Hampshire, University of Maine.

MILDRED H. ENTERLINE V

Instructor in Speech

A.B., Ursinus College, 1931; M.A., Northwestern University, 1938; Graduate Student, University of Pennsylvania, New York University, University of Maine, University of New Hampshire.

KATHRYN HERR

Part-time Instructor in French

A.B., Lebanon Valley College, 1925; Graduate Student, French Institute of Pennsylvania State University and Temple University.

ELINOR B. NEUMANN V

Part-time Instructor in German and English

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

Irene H. Simsack 🖟

Part-time Instructor in Business

B.S., Temple University, 1928; M.A., Columbia University, 1931.

CHARLES W. WEAVER

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

PHARES H. HERTZOG y

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

REGINALD F. LUNT

Part-time Instructor in Organ

B.Mus., Westminster Choir College, 1943; Student, Aurora College; Student, Dr. Alexander McCurdy.

HELEN J. SHEELY

Part-time Instructor in Art

B.A., The Pennsylvania State University, 1944; B.S., Kutztown State Teachers College, 1951.

HENRY F. GINGRICH V

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

Noah M. Klauss

Director of the Band and Orchestra

Elizabethtown College.

RAYMOND C. HIPPLE

Part-time Instructor Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

RICHARD F. KUNTZ

Part-time Instructor Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

Roy McAuley, B.S., B.D., M.A., Ed.D Dean of the College
K. Ezra Bucher, B.S., M.S.
Treasurer and Director, Development Program
Wilbur E. Weaver, B.S., M.Ed
EBY C. ESPENSHADE, B.S., M.Ed
VERA R. HACKMAN, A.B., A.M Dean of Women
D. Paul Greene, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M
ALICE S. HEILMAN, B.S., B.L.S Librarian
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
NEVIN H. ZUCK, A.B., B.D., S.T.M., D.D College Pastor
ROBERT S. YOUNG
Grace N. Allan
JESSIE K. COSNER Director of Residence
Mary Cox
Doris O. Lewis
J. Robert Hollinger
Lois Hershberger
Gladys M. Hixson
Martha A. Farver
Esther W. Rohrer Secretary to the Business Manager
RUTH MUMAW Secretary, Alumni Office
Jo Ann Goudie Secretary, Admissions Office
Marcella F. Stone Secretary, Registrar's Office
RUTHANNE LANDVATER Secretary, Business Office
RUTH H. MILLERStorekeeper
GIMMIE LU Cox, R.N School Nurse
L. D. Rose, A.B., A.M Director, Brethren Historical Library

Faculty Committees

- Administration—A. C. Baugher, Roy McAuley, K. E. Bucher, W. E. Weaver
- Admissions—Eby C. Espenshade, Roy McAuley, Emma R. Engle, Vera R. Hackman, D. Paul Greene
- Counseling and Testing—Roy McAuley, N. Franklin Stump, Vera R. Hackman, D. Paul Greene
- Instruction—Roy McAuley, Emma R. Engle, O. F. Stambaugh, Albert L. Gray, Jr., Elmer B. Hoover, James R. King
- Housing and Feeding—W. E. Weaver, Vera R. Hackman, D. Paul Greene, Grace Allan, Jessie K. Cosner
- Religious Activities—Robert A. Byerly, A. C. Baugher, Nevin W. Fisher, Nevin H. Zuck
- Social Activities—Vera R. Hackman, D. Paul Greene, Grace Allan, Nevin W. Fisher, Edgar T. Bitting, Elinor Eastlack, Donald P. Smith, Julia A. Risser, Mildred H. Enterline
- Placement—Roy McAuley, Charles S. Apgar, Eby C. Espenshade, Elmer B. Hoover, Albert L. Gray, Jr.
- Publications—A. C. Baugher, Roy McAuley, K. E. Bucher, W. E. Weaver, Eby C. Espenshade, Emma R. Engle, Vera R. Hackman, Clarence G. Enterline
- Lyceum Programs—Carl E. Heilman, W. E. Weaver, Nevin W. Fisher, Samuel Dibble (from Patton School)
- Library—Alice S. Heilman, E. G. Meyer, Frederick C. Neumann, Wilhelm Reuning, John J. Spurling
- Athletics—K. E. Bucher, Ira R. Herr, Eby C. Espenshade, W. E. Weaver, Donald P. Smith, D. Paul Greene, Robert A. Byerly, Julia A. Risser
- Health—D. Paul Greene, Donald P. Smith, Julia A. Risser, Charles E. Weaver, Vera R. Hackman, Gimmie Lu Cox

Academic Regulations

Admission of Students

The Committee on Admissions attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all students, the following principles are used by the committee in passing on applications for admission:

- Graduation from a senior high school accredited by the Middle State Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- Recommendation by the principal of the high school or secondary school.
- Completion of a minimum of sixteen Carnegie units of secondary school work.

The requirements for admission to the freshman class are:

English3 units	Science1 unit
History and Social Studies2 units	Mathematics2 units
Language2 units	

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

Students who transfer from another institution are required to present evidence of good standing and honorable dismissal. All students will be required to take standard ability and achievement tests.

All students are required to submit a report of good health by the family physician, on a form provided by the College.

A person seeking admission should write to the Director of Admissions for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A student must earn an acceptable grade in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal.

The maximum number of credits accepted from another college will not exceed the fraction of the number required for graduation represented by the fraction of four years spent there. The maximum number of credits is not granted automatically.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

(a) Science

- (e) Secondary Education (f) Business Education
- (b) Medical Technology (c) Nursing
- (g) Business Administration
- (d) Elementary Education

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Majors for A.B. in Liberal Arts

English-Thirty-two hours exclusive of English Composition and including Survey of English Literature, American Literature and Shakespeare.

History and Political Science—Twenty-eight to thirty-two hours exclusive of History of Civilization.

French—Eighteen to twenty-four hours.

Spanish—Eighteen to twenty-four hours.

German—Eighteen to twenty-four hours,

Bible and Philosophy—Three hours of Philosophy, three hours of Ethics, and eighteen hours of Bible exclusive of Bi10ab or 20ab.

Mathematics—Eighteen to twenty-four hours.

Sociology-Eighteen to twenty-four hours.

Social Studies—History and at least one course in Economics, Sociology and Political Science—forty-two hours.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Same as indicated—See Majors for A.B. in Liberal Arts.

Chemistry Major—(see curriculum).

Majors for B.S. in Business

Accounting—Twenty-four hours.
Business Administration (see curriculum).
Business Education (see curriculum).

Majors for B.S. in Education

Elementary Education (see curriculum). Secondary Education (see curriculum). Business Education (see curriculum).

For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of twenty-four semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This insures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The

unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Academic Requirements

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class. This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F; I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit for the course is desired.

When a five quality point deficiency occurs, the dean will call the student for a conference.

A student who, at the close of any semester, fails to attain a cumulative quality point-credit ratio according to the following graduated scale is placed on academic probation: throughout the freshman year, 1.70; by the beginning of the sophomore year, 1.80; by the beginning of the junior year, 1.90; and by the beginning of the senior year, 2.00. A student on academic probation may be requested to withdraw from college anytime the Committees on Counseling and Admissions so decide after a consideration of the student's over-all situation.

A student who, at the close of any semester, has a quality point-credit ratio below 2.00 shall not be permitted to carry more than 15 semester hours, and below 3.00, more than 18 semester hours of college work. No student shall be permitted to carry more than 20 semester hours of college work in any one semester.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 60 quality points.

Junior standing requires 60 semester hours and 120 quality points.

Senior standing requires 90 semester hours and 180 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 2.00. Students transferring

from other colleges must have a ratio of at least 2.00 in courses pursued at Elizabethtown College. Quality points are determined as follows:

Grade	Quality Points per s.
A	
В	
<u>C</u>	
<u>D</u>	
F	0

h.

Any course for which an F grade has been earned must be repeated with a satisfactory grade before graduation.

Before graduation all students are required to pass a competency examination in English. The examination is given at the beginning of the Junior year. Students who fail to meet minimum standards are required to take a non-credit remedial course before being re-examined.

The College reserves the right to require withdrawal of student whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated four years prior to his graduation.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education in which 136 semester hours are required.

An equivalent of six semester hours of Bible is required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 3.50 to 3.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 3.75 to 3.89, with the distinction of "magna cum laude;" and from 3.90 and up, with the distinction of "summa cum laude."

To be eligible for honors, a graduate must have an academic average of not less than 3.50 and must have earned not less than 60 semester hours credit at Elizabethtown College. Only grades earned at Elizabethtown College will be used in determining the honor.

A dean's honor list is published each quarter for regular students.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in each course will be reported to the Committee on Instruction.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and Literature	8–12 S. H	
Philosophy	4- 6 S. H	•

At least two of the following:

History of Philosophy		3	S.	Н.
Ethics		3	S.	H.
History	4-	6	S.	H.
Davahalagu	2	2	C	IJ

At least one of the following:

Latin French	12.16.5.11
German	12-10 S. H.
Spanish	
Natural Sciences—Physical or Biological	4- 6 S. H.
Social Sciences	4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
En10ab Hi10ab Ps10ab	English Composition History of Civilization General Psychology Language Mathematics	3 2 2 3 3 2	3 2 2 3 3 2
Bi10ab or 20ab PE10ab	Bible	2	2
Total		16	16
	Sophomore Year		
En20ab Hi20a, 21b, 22a, 2 PE20ab	Survey of English Literature 3b European History (Any two courses) Language Economics or Sociology Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total		17	17
	Junior Year		
Hi30ab	Literature	2	2
En38a	sylvania Speech Bible	3 2	3
	Electives including requirements for major	9 _	9
Total		16	16
	Senior Year		
Ph41a Ph41b PS41b	Introduction to Philosophy Ethics American Government	3	3
	Electives including requirements for major	12	9
Total		15	15

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods of Secondary Education (5), Visual Education (1), Practice Teaching (6).

Bachelor of Science

Bachelor of Science in Science

This course which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that the leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6–12 S. H.
Advanced botany or zoology	3-6 S. H.
Psychology or logic	3- 6 S. H.
Adv. math., including algebra and trigonometry.	

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five-year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than the Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-years' course in the School of Forestry, Duke University.

The curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of the curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists.

The curriculum preparing students for medical technology in cooperation with accredited hospitals has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Requirements for the B.S. Degree in Science

En10ab Hi10ab Ch10a-b Ps10ab PE10ab	Freshman Year English Composition History of Civilization Language General Inorganic Chemistry Mathematics General Psychology Physical Education	Semester 1st Sem. 3 2 3 4 3 2 1	hours 2d Sem. 3 2 3 4 3 2 1
Total		18	18
	Sophomore Year		
En20ab PE20ab	Survey of English Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total		17	17
	Junior Year		
Hi30ab En38a Bi10ab or 20ab	History of the United States and Pennsylvania* Speech Bible Electives including requirements for major	3 2 2 8	3 2 10
Total		15	15
	Senior Year		
Ph41a Ph41b PS41b	Introduction to Philosophy Ethics American Government*	3	3
F 3410	American Government*	2	3
	major	9	8
Total		14	14

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods in Secondary Education (5), Visual Education (1), Practice Teaching (6).

^{*} Students who are not preparing to teach may substitute for these courses any nine semester hours of history and/or political science including three semester hours of American History or Government.

Requirements for the B.S. Degree in Science
Major in Chemistry

		Semester	
	Freshman Year	1st Sem.	2d Sem.
En10ab	English Composition	3	3
Ch10a-b	General Inorganic Chemistry	4	4
Ge10a-b or 20ab	First or Second Year German	3	3 3
Ma11a, 12b	College Algebra and Trigonometry	3	3
PE10ab	Physical Education	1	1
	Electives	4	4
Total		18	18
	Sophomore Year		
Ch20a	Qualitative Analysis	5	
Ch25b	Quantitative Analysis		5 3
Ge20ab or 30ab	Second or Third Year German	3	3
Ma20a, 21b	Analytic Geometry and Differential Cal-		
	culus	3	3
Phy20a-b	General Physics	4	4
PE20ab	Physical Education	1	1
	Electives	2	2
Total		18	18
	Junior Year		
Ch30a-b	Organic Chemistry	4	4
Ch41a	Advanced Quantitative Analysis		5
Ma30a	Integral Calculus	3	
	Advanced Physics	4	4
	Electives	6	4
Total		17	17
20141	Senior Year		
C1 44 1			
Ch44a-b	Physical Chemistry	4	4
Ch45a	Qualitative Organic Analysis	4	4
Ch46b	Problems in Organic Chemistry	9	4 9
	Electives		
Total		17	17
Electives:			
Group I (Th	ese electives are required.)		
	terature	6 -	L.
70.44		6 s. 4 s.	
	ncluding Hi30a or b or PS41b)	6 s.	
THISTORY (II	ictuding 1130a of b of 1 541b)	0 5.	11.
Group II (T	hese electives must total ten semester hour	·s.)	
Psychology	•		
Philosophy			
Sociology			
Economics			
Ethics			
			-

Total 10

Other electives may be selected with approval of the adviser. Students whose interest lies in the field of Biology may substitute courses in Advanced Biology for Advanced Physics.

Requirements for the Degree of B.S. in Engineering and A.B. in Liberal Arts

	Freshman Year	Semeste Ist Sem.	r hours 2d Sem.
En10ab Hi10ab Ch10a-b Phy17a-b Ma11a, 12b	English Composition History of Civilization General Inorganic Chemistry Drawing and Descriptive Geometry College Algebra and Trigonometry	3 2 4 2 6	3 2 4 2
PE10ab Ma20a	Physical Education Analytic Geometry Electives	1	1 3 3
Total	•••••	18	18
	Sophomore Year		
Phy21a Ma21b BA21a Ps10ab	Mechanics Differential Calculus Introduction to Economics General Psychology Language Literature	4 3 3 2 3 3	2 3 3 4
Phy22b Ma30a PE20b	Heat and Sound Integral Calculus Physical Education Electives	J	4 3 1 2
Total		18	18
	Junior Year		
En38a Ma31b Phy30a Phy40a	Speech Intermediate Calculus Electricity and Magnetism Statics Language	2 3 4 3 3 2	3
PE20a Ma32a Phy31b Phy41b	Bible* Physical Education Differential Equations Optics Dynamics History*	1	3 4 3 3
Total		18	18

^{*} To he selected in agreement with the adviser.

Freshman Engineering students must provide themselves with an acceptable slide rule and a drawing kit. These items are available in the college hookstore.

The fourth and fifth years must be satisfactorily completed in the field of engineering at Pennsylvania State University. Upon successfully completing the five-year program, the student will he eligihle to receive an A.B. Degree from Elizahethtown College and a B.S. Degree from Pennsylvania State University.

Requirements for the Degree of B.S. in Science Major in Forestry

	Freshman Year	Sem. 1st Semeste	Sem. 2d er hours
En10ab Ps10ab Ch10a-b Bi10ab or 20ab PE10ab	English Composition General Psychology General Inorganic Chemistry Bible Physical Education Mathematics	3 2 4 2 1 3	3 2 4 2 1 3
Total		17	17
	Sophomore Year		
En20ab Bio10a-b	Survey of English Literature General Biology Language	3 4 3	3 4 3
BA20a-b or 21a PE20ab	Principles of Economics or Introduction to Economics	3 3 1	3 3 1
Total		17	17
	Junior Year		
Phy20a-b PS41b So10a Ph41a	General Physics Language American Government Introduction to Sociology Introduction to Philosophy Electives	4 3 3 3	4 3 3
Bio23b Ph41b	Plant Biology Ethics	J	4 3
Total		18	17

^{*} To be selected in agreement with the advisor.

Summer following Junior, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. Degree in Science in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

	Freshman Year	Semester 1st Sem.	hour 2d Sem.
En10ab Bio10a-b Ch10a-b Ps10ab PE10ab Ma11a Ma12b	English Composition General Biology General Inorganic Chemistry General Psychology Physical Education College Algebra Trigonometry	3 4 4 2 1 3	3 4 4 2 1
Total		17	17
	Sophomore Year		
En20ab Hi10ab PE20ab Bi10ab or 20ab Ch20a Bio43a Ch25b Bio41b	Survey of English Literature History of Civilization Physical Education Bible Qualitative Analysis Histological Technique Quantitative Analysis Microbiology	3 2 1 2 5 4	3 2 1 2 5 4
Total		17	17
	Junior Year		
Phy20a-b Ch30a-b	General Physics	4 4	4
Ph41a Ph41b	cluding Hi30a or b or PS41b) Introduction to Philosophy Ethics	3 3	6
1 11/10	Electives	3	J
Total		17	17

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the Registry Examination for medical technologist the B.S. degree will be conferred by Elizabethtown College.

Students who can devote only two years to college study will be required to take the first two years as outlined.

Program of Nursing

Need

For a number of years, especially the last decade, an urgent need for trained nurses has existed. According to present indications the need will continue in terms of an ever increasing demand for nurses. This need is readily understood in the light of the great expansion of hospital services to the general population of civilians as well as the great expansion necessitated by war conditions of recent times.

Consequently, a constant concern for a sufficient supply of applicants, largely drawn from the ranks of girls being graduated annually from the high schools, is felt by the various institutions calling for such services.

Opportunity

It is at once apparent that excellent opportunities for girls to pursue a most worthy and humanitarian service in the profession of nursing are offered to such who may have either a temporary or a career interest in this type of service. Inasmuch as many institutions may from time to time be understaffed, the prospective student may be assured that the demand for nurses will be extended indefinitely and may never reach the point where supply will reach the demand.

Purpose of the Program

Elizabethtown College offers a program designed to help meet this social service need. The purpose of the program proposed by the college is to cooperate with the program of accredited hospitals which offer state-approved courses of nurses' training leading to an R.N. by providing the liberal arts and science courses that will extend the education of the graduate nurse. This would in an additional two years entitle the candidate to a Bachelor of Science degree in Nursing.

Furthermore, it is the purpose of such a program to prepare nurses for greater opportunities and for more responsible positions. This should greatly enhance their personal qualifications for effective service.

The Plan

Applicants for admission to this new program must meet admission requirements of both the hospital and the college.

The first two years of the five-year plan shall be spent in Elizabethtown College. The last three years shall be continued in resi-

dence at the cooperating hospital in pursuit of the regularly prescribed nursing curriculum.

Graduate nurses having completed nurses' training before entering college shall receive full consideration for admission to college upon satisfying admission requirements.

In such cases the amount of college work required shall be dependent upon the time when the training was pursued and the adequacy of the program pursued. Recent graduates of nurses' training schools may hope to complete the college course in two years as prescribed below.

Requirements for the Degree of B.S. in Nursing

Semeste 1st Sem.	er hours 2d Sem.
_	
. 3	3
. 4	3 4 4 2 2
4	4
. 2	2
. 2	2
	3
18	18
. 3	3
2	3 2
3	
. 1	1
	6
3 2	O
3	
	3
	3
 18	18
	18

At the end of five years, upon the satisfactory completion of the two-year college course and the three-year nursing course and the passing of the State Board Examination for the R.N. degree, the student will be eligible for the degree of Bachelor of Science in Nursing to be conferred by the college.

Following is a list of the course areas given in theory and clinical experience during the student's three years in the school of nursing of the cooperating hospital.

- I. Biological and Physical Sciences, including anatomy, physiology, microbiology, and chemistry.
- II. Social Sciences, including psychology, sociology, social problems in nursing service, history of nursing, professional adjustments, and social aspects of family health.
- III. Medical Science, including pharmacology and therapeutics.
- IV. Nursing and Allied Arts, including nursing arts, nutrition, foods and cookery, diet therapy, medical and surgical nursing, obstetrics, nursing of children, and psychiatric nursing.

The minimum number of hours in the specific courses in the curriculum is prescribed by the Pennsylvania State Board of Nurse Examiners.

The Schools of Nursing are approved by the Pennsylvania State Board of Nurse Examiners, and are accredited by the National League for Nursing. The hospitals are approved by the American Hospital Association, the American College of Surgeons and the American Medical Association.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Business Education Elementary Education Secondary Education Special Education

Secondary Education

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.

Elementary Education	Educational Sociology	
Special Methods	History of Education	
Hygiene	Principles of Education	
	Visual Education	
T		6 6

Educational Measurements

Practice Teaching in the appropriate field 6 S. H.

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with his adviser or the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Requirements for the Degree of B.S. in Education in Secondary Education

	Freshman Year	Semester 1st Sem.	2d Sem.
En10ab Hi10ab Ps10ab PE10ab Ed10b	English Composition History of Civilization General Psychology Physical Education Introduction to Education	3 2 2 1	3 2 2 1 3 4 3
	Science* Mathematics or Language Electives	4 3 2 or 3	4 3
Total		17 or 18	18
	Sophomore Year		
En20ab PE20ab So10a	Survey of English Literature	3 1 3	3 1
Bi10ab or 20ab (Elect from field	Bible	2	2
BA21a	Social Studies or History) Introduction to Economics (for certifi-	3	3
D71210	cation in Social Studies	3	
	matics)	3	3
	guage)	3	3
	ences)	4	4
	Junior Year		
Hi30ab	History of the United States and Pennsylvania	3	3
E431ab	Principles and Practices of Secondary Education	3 3	3
Ed30a Ph41a En38a	Educational Psychology	2	3
Ed32b	Speech	2	2
	Mathematics (for certification in Mathematics)	3	3
	Science (for certification in the Sciences)	4	4
	Language (for certification in Language)	3 3	3

^{*} A student who wishes to be certified to teach two languages should begin both in the Freshman year and elect Science in the Sophomore year.

Senior Year Ed42a Professional Practicum and School Law 2 Ed43a Practice Teaching 8 Ed38b Educational Measurements* 3 Ed44b History of Education* 3 Ph41b Ethics 3 PS41b American Government 3 Electives to complete total of 136 s.h. required for graduation 3

^{*} Either Ed38b or Ed44b is required.

Requirements for the Degree of B.S. in Education in Elementary Education

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
En10ab Hi10ab Ps10ab Bi10ab or 20a PE10ab Mu13a-b Phy10a	Physical Education Music Fundamentals Physical Science	3 2 2 2 1 2 3	3 2 2 2 1 2
Ed10b Ed15b	Introduction to Education Teaching of Geography Electives	2 or 3	3 3
Total		17 or 18	18
	Sophomore Year		
En20ab PE20ab Bio10a-b Ed26ab Ed27ab Ed23a	Survey of English Literature Physical Education General Biology Teaching of Health and Hygiene Teaching of Public School Art Public School Music	3 1 4 2 2 2 2	3 1 4 2 2
Ed21b Ps22b	Bible		3
Total		16	18
	Junior Year		
Hi30ab Ed30a Ed38a	History of the United States and Pennsylvania	3 3 2 3 3	3
So10a Ed35ab Ed32b Ed37b En39b Ph41a	Introduction to Sociology Teaching of Language Arts Visual Education Curriculum in Science Children's Literature Introduction to Philosophy	Ū	3 2 3 3 3
Ed38b	Educational Measurements *		
Total	•••••	17	17
	Senior Year		
Ed41a Ed42a Ed43a Ed44b Ph41b	Principles of Elementary Education Professional Practicum and School Law Practice Teaching History of Education* Ethics	2 2 8	3 3 3
PS41b	American Government Electives	3	3 8
Total		15	17

^{*} Either Ed38b or 44b is required.

Department of Business

The Department of Business offers the following courses:

Business Administration
Business Education—Teaching
Secretarial Science

Two-year certificate course in secretarial science Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business administration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

	Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
En10ab Bi10ab or 20ab Ac11ab Hi10ab Ps10ab PE10ab Ma10a or 11a BA11b Total	English Composition Bible Principles of Accounting History of Civilization General Psychology Physical Education Basic Mathematics or College Algebra Mathematics of Business	3 2 3 2 2 1 3	3 2 3 2 2 1 3
	Sophomore Year		
En20ab Ac21a Ac21b BA20a-b So10a PE20ab	Survey of English Literature Corporation Accounting Cost Accounting Principles of Economics Introduction to Sociology Physical Education Eiectives	3 3 3 1	3 3 3 1 3
Total ,,		17	17
BA34ab BA30a BA31b BA37ab	Junior Ycar Business Law Money and Banking Corporation Finance History Human and Economic Geography Bible	3 3 3	3 3 3 3 2
Total	Electives	$\frac{3}{15}$	$-\frac{3}{17}$
Total	C-'- V	13	17
D 115 a 161	Senior Year	,	2
BA45a, 46b BA47a BA48b PS41b Ph41b	Business Statistics Personnel Administration Industrial and Labor Relations American Government Ethics Electives	3 3	3 3 3 3
Total		15	15

Requirements for the Degree of B.S. in Business Education

	Freshman Year	Semeste 1st Sem.	r hour 2d Sem.
En10ab	English Composition	3	3
Bill or 20ab	Bible	2	ž
Ps10ab	General Psychology	2	2
PE10ab	Physical Education	ī	2
Ac11ab	Principles of Accounting	3	3
	Science	4	4
Ma10a or 11a BA11b	Basic Mathematics or College Algebra . Mathematics of Business	3	3
Total		18	18
	Sophomore Year		
En20ab	Summer of English Literature	2	3
Ac21a	Survey of English Literature Corporation Accounting	3 3	3
Ac21b	Cost Accounting	3	2
SS10ab	Elementary Gregg Shorthand*	3	3
SS10ab SS12ab	Elementary Typewriting*	2	3 2 3 3
BA20a-b	Principles of Economics	.3	3
Ed10b	Introduction to Education	.0	3
130100	Bible	2	0
PE20ab	Physical Education	ī	1
Total	•	17	18
1 otai		17	10
	Junior Year		
Hi30ab	History of the United States and Penn-		
	sylvania	3	3
BA34ab	Business Law	3	3
SS23ab	Advanced Gregg Shorthand	3	3
SS22a	Advanced Typewriting	2	
SS27b	Business Correspondence		3
SS25a	Office Machine Practice	2	
SS26b	Secretarial Office Practice		2
Ed30a	Educational Psychology	3 2	
D1 44	Electives	2	
Ph41a	Introduction to Philosophy		3
Total		18	17
	Senior Year		
E d 43a	Practice Teaching	8	
Ed42a	Professional Practicum and School Law	2	
Ed34a	Methods of Business Education	3	
Ph41b	Ethics	•	3
Ed32b	Visual Education		3 2 3 6
PS41b	American Government		3
-	Electives		6
Total		16	19

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

A college trained secretary who has acquired a business and technical training along with some liberal arts courses, and who has a vital, gripping interest in what is happening in the complex Business world, has an unexcelled opportunity to become a trusted confidential associate in business. The demand for such qualified secretaries is constantly increasing.

The basic purpose of the curriculum in secretarial science at Elizabethtown College is to provide the student with cultural as well as technical courses. The two-year programs lead to certificates in Secretarial Science and in Medical Secretarial Science. Students who have had shorthand and typewriting before entering college and who pass an examination for advanced standing may

elect other subjects.

At the end of the two-year program in Secretarial Science or two-year program in Medical Secretarial Science, a student desiring to complete a four-year degree curriculum can do so without loss of credits already earned. In two additional years the student can earn the degree of Bachelor of Science in Business Education and be qualified to teach in the secondary schools of the state.

Requirements for the Two-Year Course in Secretarial Science

	Freshman Year	Semester 1st Sem.	r hours 2d Sem.
En10ab SS10ab SS12ab Ac10ab Ps10ab	English Composition Elementary Greeg Shorthand* Elementary Typewriting* Accounting for Secretaries General Psychology	3 3 2 3 2 2 2	3 3 2 3 2 2 2
Bi10ab or 20ab PE10ab	Bible	1	1
Total		16	16
	Sophomore Year		
En20ab SS23ab SS22a SS27b SS26b	Survey of English Literature Advanced Gregg Shorthand Advanced Typewriting Business Correspondence Secretarial Office Practice	3 3 2	3 3 2
SS25a BA21a Ma10a or 11a BA11b	Office Machine Practice Introduction to Economics Basic Mathematics or Algebra Mathematics of Business Electives	2 3 3	3 3
Total		16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

	Freshman Year	Semester 1st	hours 2d
	rresnman Year	Sem.	Sem.
En10ab	English Composition	3	3
SS10ab	Elementary Gregg Shorthand*		3
SS12ab	Typewriting*	3 2 4 4	3 2 4 4 2
Ch15a-b	Elementary College Chemistry	4	4
Bio10a-b	General Biology	4	4
SS15ab	Medical Secretarial Techniques	2	2
Total		18	18
	Sophomore Year		
SS26b	Secretarial Office Practice		2
SS25a	Office Machine Practice	2	
Bil0ab or 20ab	Bible	2 2 2 3	2
SS22a	Advanced Typewriting	2	
SS23ab	Advanced Gregg Shorthand	3	
SS27b	Business Correspondence		3
Ps10ab	General Psychology	2 3	3 2 3
Ac10ab	Accounting for Secretaries	3	3
SS28a	Office Nursing and Laboratory Tech-		
	niques	3	
PE10ab	Physical Education	1	I
SS24b	Medical Shorthand		2
Total		18	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	3
Educational Psychology	3
Religious Education	
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts two five-week summer sessions.

Summer sessions are organized for students who for urgent reasons wish to devote their summers to study. In each term a student may enroll for two three-semester-hour courses. It is possible for a student to earn twelve semester hours of credit toward a degree by attending both sessions. In three full summers a student may complete the equivalent of a year's work.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such part-time campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Courses of Instruction

In designating courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior, respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that both semesters of a course must be completed before credit will be given.

Bible and Philosophy

Assistant Professor Byerly, Professor Schlosser, and Miss Martin

A. Bible

Biloab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

Bi20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types to Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

Bi22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

Bi23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

- Bi25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

 Two hours per week 2 credits
- Bi30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

 Two hours per week 2 credits
- Bi31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

Bi34a Comparative Religions—This course is an introductory study of the major religions of the world. Specific attention is given to the origin, characteristics, and contributions of these religions as studied against our background of Christianity.

Three hours per week

3 credits

Prerequisite: 6 semester hours in Bible

Offered 1958-1959

Bi40a The Christian Faith—This is an introduction to the basic Biblical doctrines of the Christian religion. The central doctrines of the Bible are studied; such as God, man, sin, Christ and the Church.

Three hours per week Prerequisite: Bi10ab 3 credits

B. Christian Education

CE10a Principles and Administration of Christian Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Three hours per week

3 credits

CE11b Standards and Methods in Christian Education—
This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week

2 credits

CE33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized throughout the year. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course throughout the school year.

Three hours per week

3 credits

C. Philosophy

Ph41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

Ph41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week

3 credits

142 Seminar in Philosophy and Religion—An intensive study of a special area of inquiry within the fields of Philosophy and Religion. Extensive reading will be required.

Two hours per week

2 credits

Prerequisite: 10 semester hours in Bible and Philosophy and permission of the instructor

By appointment

Biology

Professor Charles Apgar, Assistant Professor Bessie Apgar, and Dr. Charles Weaver

Bio10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week Laboratory fee, \$5.00 per semester 8 credits

Medical Secretarial Techniques—(See Secretarial Science 15ab).

Office Nursing and Laboratory Techniques—(See Secretarial Science 28a).

Bio23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Two hours lecture and a minimum of four hours laboratory per week Prerequisite: Bio10a-b

Bio30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Bio10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week
4 credits

Bio31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Bio10a-b, Ch10a-b, Bio30a

Two hours recitation and a minimum of two hours laboratory per week 3 credits

Bio40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Bio10a-b

One hour lecture and a minimum of four hours laboratory per week

Bio41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and a minimum of four hours laboratory per week
4 credits

Bio42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

4 credits

Bio43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and a minimum of four hours laboratory per week

Bio43b Histology—The study of cells as organized into the tissues and organs of representatives vertebrates.

Prerequisite: Bio31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory per week

3 credits

Bio48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Bio49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professors Gray and Bucher, Assistant Professors Eastlack and Bitting, Mr. Enterline, Mr. Gingrich, and Mrs. Simsack

Accounting

- Ac10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and book-keeping for service type businesses and professional employers.

 Two hours lecture and two hours laboratory per week 6 credits
- Ac11ab Principles of Accounting—This course includes a thorough study of the principles of debit and credit; analysis and use of journals and ledger; financial statements; controlling

accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution. A practice set and problems are to be completed for single proprietorship and partnership enterprises.

Two hours lecture and two hours laboratory per week

6 credits

Ac21a Corporation Accounting—The general principles of accounting as exemplified in the corporate form of business will be studied. Special emphasis will be placed upon formation of corporations; corporation records and accounts; corporation surplus; sinking funds, corporation stocks and bonds; branch accounting, and analysis and interpretation of financial statements. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week
Prerequisite: Ac11ab

3 credits

Ac21b Cost Accounting—The aim of this course is to explain the relation of cost systems to general books and systems. The element of costs, principles and general methods of cost finding, direct and indirect expenses, wage systems, recording material and labor costs, standard costs, and cost systems will be studied.

Two hours lecture and two hours laboratory per week 3 credits
Prerequisite: Ac11ab

Ac31a Intermediate Accounting—Various methods of closing the accounting books are studied. Further discussions follow on proprietorship and corporation accounts with a view to showing the variations of accounting methods which the accountants use. Other topics covered include analysis of statements, corrections, clean surplus theory and application of funds.

Prerequisite: Ac21b

Two hours lecture and two hours laboratory per week

3 credits

Ac31b Advanced Accounting—Main emphasis is placed on accounting for parent and subsidiary relationships, consolidated statements, estate accounting, trusts, home office and branches, installments, insurance and foreign exchange.

Prerequisite: Ac31a

Two hours lecture and two hours laboratory per week

3 credits

Ac41a Tax Accounting—A study of the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, the preparation of returns.

Prerequisite: Ac21b

Two hours lecture and two hours laboratory per week

Ac41b Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analysis and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates.

Prerequisite: Ac21b

Two hours lecture and two hours laboratory per week

3 credits

Ac45b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Ac21a and 21b

Two hours lecture and two hours laboratory per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

BA11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest, chain discounts, mark-up, mark-down, annuities, graphic methods, and the life.

Prerequisite: Ma10a or 11a

Three hours per week

3 credits

BA20a-b Principles of Economics—This is an introductory course which is designed to acquaint the student with fundamental economic concepts and principles and to show the relationship of economic theory to current economic practices. During the second semester special emphasis is placed upon economic problems arising in agriculture and industry, consumer needs, prices, money and banking, government controls and other economic activities.

Three hours per week

6 credits

BA21a Introduction to Economics—A beginning course in the principles and problems of economics including discussions on production, monopoly, money, banking, supply and demand, distribution, and national fiscal policy. This course is offered to meet the needs of students in education, liberal arts and secretarial science.

Three hours per week

3 credits

BA25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation

as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

Money and Banking-This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

BA31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization. Three hours per week

3 credits

BA34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

BA37ab Human and Economic Geography-The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

BA39a Wholesaling—The field of marketing is sub-divided into wholesaling and retailing. This course considers the various wholesale channels of distribution, problems of costs, current changes in wholesaling and other topics of vital interest to business men in general and students of marketing in particular.

Three hours per week

3 credits

BA39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

Economic History of the United States—(See History 31a).

BA42a Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

BA43b Salesmanship—This course deals with the principles of personal salesmanship including preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

BA45a Business Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Three hours per week

3 credits

BA46b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee. \$2.00

Three hours per week

BA47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievance, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

BA48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

BA49a Social Economics—This course discusses, in the light of modern standards, welfare economics, social insurance, poverty, and government regulation of business.

Prerequisite: BA20a-b
Three hours per week

3 credits

BA49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such problems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: BA20a-b
Three hours per week

3 credits

Secretarial Science and Business Education

SS10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

SS12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulations, manuscript set-up, the preparation of business and legal papers, speed, and accuracy building will constitute the program.

Fee, \$7.50 per semester Four hours per week

SS15ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient, useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical ethics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms.

Two hours per week

4 credits

SS22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

SS23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

SS24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

One hour lecture and two hours laboratory

2 credits

SS25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: SS12ab or permission of the instructor

Three hours per week

2 credits

SS26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester Prerequisite: SS10ab Three hours per week

- SS27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

 Three hours per week

 3 credits
- SS28a Office Nursing and Laboratory Technique—This course is designed to acquaint the student with the nursing problems found in a physician's office and with clinical laboratory methods. Instruction is given in medical history taking, preparation for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Urinalysis and blood counting are taught as well as the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar.

Fee, \$8.00

Two hours lecture and two hours laboratory per week

3 credits

Chemistry and Geology

PROFESSOR STAMBAUGH AND PROFESSOR BAUGHER

Ch10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students who will continue with further courses in chemistry, or those who desire a more rigorous course than Chemistry 15a-b.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week

Ch15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in content. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week 8 credits

Ch20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Ch10ab and Ma11a. Laboratory fee, \$10.00 Three hours recitation and six hours laboratory per week

Ch25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores. limestone, and commercial products is made.

Prerequisite: Ch20a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week 5 credits

Ch30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Ch10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester Three hours recitation and three hours laboratory per week 8 credits

Ch41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: alloys, ferrous or nonferrous, rock, food, feed, fertilizer, paints, petro-leum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Ch25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week

Offered 1958-1959

Ch44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Ch20a, 25b, 30a-b, Ma21b, 30a. Laboratory fee, \$8.00 pcr

Three hours lecture and a minimum of three hours laboratory per week 8 credits

Offered 1957-1958

Ch45a Qualitative Organic Analysis—A study is made of the properties of functional groups of organic compounds. Application of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$10.00 Prerequisite: Ch30a-b

Two hours recitation and eight hours laboratory per week

Ch46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$10.00 Prerequisite: Ch44a

Two hours recitation and conference and ten hours laboratory per week

4 credits

Geol2b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week 4 credits

Offered 1958-1959

Education

Associate Professor Hoover, Professors Fisher and Stump, Miss Risser, and Mrs. Sheely

Ed10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week

3 credits

Ed11ab Appreciation of Art—The purpose is to give a background of knowledge of the world's art and its development from the beginning of history so as to increase the student's appreciation and understanding of the different kinds and schools of art.

Fee, \$3.00 per semester

Two hours per week

4 credits

Ed15b Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

Three hours per week

Ed21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week

3 credits

Ed23a Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics. To be taken in the Sophomore or Junior year.

Prerequisite: Both semesters of Mul3ab to be taken in the freshman or sophomore year

Two hours per week

2 credits

Ed25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

3 credits

Ed26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

Ed27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester

Two hours per week

4 credits

Ed30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental

course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: Ps10ab Three hours per week

3 credits

Ed31ab Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

Ed32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours per week

2 credits

Ed33a Special Class Methods—A course organized to meet the methods and needs of teachers of special education. Includes a workshop study of planning and organizing curricular materials of instruction for the primary, the intermediate, and the advanced maturational levels. This is a required course for certification for teaching in special classes.

Three hours per week

3 credits

Ed34a Arts and Crafts for Special Classes—Especially organized to meet the needs of teachers of special education. Instruction will be given in the development of the child with crafts from the very simple to more advanced methods in woodwork; plastic; cork; weaving; paper; novelties; leather; use of salvage material; household repairs and clay modeling.

Laboratory fee, \$5.00

Three hours per week

3 credits

Ed34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

Ed35ab Teaching of Language Arts in the Elementary School—Current methods and materials in teaching reading, spelling, oral and written composition; analyses and corrections of basic difficulties; fusion of language arts with other subjects.

Prerequisite: En20ab Three hours per week

6 credits

Ed36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

Ed37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

Ed38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$2.00

Three hours per week

3 credits

Ed39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

Ed40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

Ed41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Two hours per week

Ed42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Two hours per week

2 credits

Ed43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the second eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week. The student is required to achieve an average grade of C in any field in which he wishes to practice teaching.

Prerequisites: Secondary—Ed31ab and 42a Elementary—Ed35ab and 42a

(The student teacher is required to provide for his own transportation)

Fee, \$40.00

Eight hours per week

8 credits

Ed44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Offered 1957-1958

Ed45a Practice Teaching in Special Education—Observation, classroom teaching, and conferences in special education, with supervisors for a period of one semester.

Two hours per week

1 credit

Ed45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

3 credits

Ed46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

Ed47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week
Offered 1958-1959

3 credits

Ed48a Teaching Physical Education in the Elementary School—This course is concerned with the program of physical education activities for the elementary school. It includes a study of small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

Two hours lecture and two hours laboratory per week

Open to only Juniors and Seniors

3 credits

Ed49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week

3 credits

English

Assistant Professor King, Professor Schlosser, Associate Professor Hackman, Mr. Franke, Mrs. Enterline, Mrs. Neumann, Mrs. Heilman, and Miss Engle

En10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

En20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

En21a-b Journalism—This is a study of newspapers and news-values, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for

prospective teachers who may need a knowledge of school publication procedures.

Three hours per week

6 credits

En22ab American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week Offered 1957-1958

4 credits

En30a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Prerequisite: En20ab Two hours per week

2 credits

Offered 1957-1958

En31b The English Essay—The study of a comprehensive collection of essays, both British and American, including translation from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Prerequisite: En20ab Two hours per week Offered 1957-1958

2 credits

En32ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Prerequisite: En20ab Two hours per week Offered 1957-1958

4 credits

En33ab The Seventeenth Century—A survey course of the period from Bacon to Dryden, but excluding Milton. Drama, prose, and poetry will be considered, as well as the relation of the literature to current philosophies.

Prerequisite: En20ab

Two hours per week

4 credits.

Offered 1958-1959

En34a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an under-

standing of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Prerequisite: En20ab
Three hours per week
Offered 1957-1958

3 credits

En35b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Prerequisite: En20ab Three hours per week Offered 1957-1958

3 credits

En36b Creative Writing—This course provides discussion of and practice in the more imaginative forms of composition, including fiction and poetry, with special attention to the interests of individual students.

Three hours per week

3 credits

Offered 1957-1958

En37ab Dramatic Production—This is a course in the art of producing plays. It includes: historical background, directing and staging techniques, the first semester; costuming, lighting, and make-up, the second semester. Collateral readings and laboratory are required.

Two hours per week

4 credits

En38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 crcdits

En39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of poetry and verse, fable, fairy tales, legends and myths as well as modern fiction and non-fiction. A study of illustrators and illustrations for children and a history of writing for children round out the course. This course will be particularly valuable for elementary teachers and others who work with children inasmuch as there is a strong emphasis on the use of audio-visual aids.

Laboratory fee, \$1.00

Three hours per week

3 credits

Open to only Juniors and Seniors

En40a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Prerequisite: En20ab
Three hours per week

3 eredits

Offered 1958-1959

En41b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Empsasis is placed on the intellectual and social backgrounds of this period.

Prerequisite: En20ab
Three hours per week
Offered 1958-1959

3 eredits

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Prerequisite: En20ab Two hours per week Offered 1957-1958

4 credits

En43a Contemporary I

En43a Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Prerequisite: En20ab
Three hours per week

3 credits

Offered 1958-1959

En44b Contemporary Novel—This course considers some of the major American, British, and Continental novelists of the present century. Their relation to contemporary thought and to the development of world literature will be stressed.

Prerequisite: En20ab
Three hours per week
Offered 1958-1959

3 credits

En45ab Continental Literature—A study of certain European writers from Homer to Mann and their relation to Western culture.

Prerequisite: En20ab Three hours per week

6 eredits

Offered 1958-1959

Foreign Languages

Professor Neumann, Mrs. Neumann, and Mrs. Herr

Esperanto *

Es10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all, conversation are stressed with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours ber week Offered 1957-1958

3 credits

French

Fr10a-b First Year French-This course is designed for students beginning French in college. Grammar, reading and dictation are stressed.

Three hours ber week

6 credits

Fr20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

Fr30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

Fr40ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

German

Ge10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

Ge20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

Ge30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week 6 credits

Ge40ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, Schiller, Grillparzer, and Heine.

Three hours per week

6 credits

Greek

Gr10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

Sp10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

Sp20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

Sp30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

Sp40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Associate Professor Reuning, Assistant Professors Beck and Greene

A. History

Hi10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered only as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

Two hours per week

4 credits

Hi20a History of the Renaissance and Reformation—This course is a survey of the history of Europe from about 1400 to 1648. The general aim is a portrayal of the transition of European society, institutions, and thought from the Middle Ages to Modern Times. The first half of the semester will be devoted to the Renaissance and the second half to the Reformation and the Counter-Reformation.

Three hours per week

3 credits

Hi21b The History of Europe during the 17th and 18th Centuries—The general subject of discussion will be the age of absolutism in Europe from 1648 to the French Revolution and the period of the French Revolution and Napoleon. The political and diplomatic history of the older European powers as well as the entrance of Russia and Prussia into the stream of European history, the intellectual foundations of political and economic liberalism as a background to the 19th century, and the imperial struggles between the European powers will be emphasized.

Three hours per week

3 credits

Hi22a Nineteenth Century Europe—The aim of this course is a portrayal of the history of Europe from the Congress of Vienna to World War I. Particular attention will be paid to the political, social, and economic history of Europe during the 19th century with a general survey of European diplomacy. General topics will be liberalism, nationalism, socialism, and the Industrial Revolution.

Three hours per week

Hi23b Europe during the 20th Century-Beginning with a general survey of World War I the topic of discussion will be the characterization of 20th century society. Attention will be focused on the plight of democracy, the rise of fascist and communist totalitarianism, the great depression, and the effects of both World Wars.

Three hours per week

3 credits

Hi30ab History of the United States and Pennsylvania-This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Social, cultural, political, and economic aspects will be considered. The history of Pennsylvania will be dealt with as it reflects significant trends in the history of the United States.

Three hours per week

Economic History of the United States-This course is a study of the developments of American economic life from the agrarian economy of the Colonial Period to the highly complex industrial economy of the present day.

Three hours per week

3 credits

Offered 1957-1958

Prerequisite: Hi30ab recommended

Hi32b Recent History of the United States—This course is intended to acquaint the student with the development of the United States since 1890. While designed as a general survey of the period, social, intellectual, and economic aspects will be emphasized.

Three hours per week Offered 1957-1958

3 credits

Hi40ab Diplomatic History of the United States-This course is a study of the major developments in the international relations of the United States. If possible it will be conducted on a seminar basis.

Two hours per week

4 credits

Prerequisite: Hi30ab or the permission of the instructor.

Offered 1958-1959

Hi43b European Diplomacy since the Congress of Vienna— This is a survey of the conduct of European diplomacy since the fall of Napoleon. The main emphasis will be placed on the

period since 1870 in a discussion of the diplomacy leading up to both World wars and of the peace negotiations following these wars. This course will be conducted on a seminar basis.

Three hours per week

3 credits

Prerequisite: Hi22a and 23b or by permission of the instructor.

Offered 1958-1959

History of Europe from 300 A.D.-1500A.D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Christian Church, thought, and philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week Offered 1957-1958

3 credits

B. Political Science

PS40a International Relations—This course is designed to acquaint the student with the theory and practice influencing the relations between states with special emphasis on the more important international organizations.

Three hours per week

3 credits

PS41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government.

Three hours per week

3 credits

PS42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy. This course will be taught on a seminar basis.

Two hours per week Offered 1958-1959

Prerequisite: Hi 22a and 23b recommended

Mathematics

Associate Professor Heilman and Mr. Rouse

Ma10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Three hours per week

3 credits

^{*} Does not count toward a major.

Malla College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits
Prerequisite: Two years of high school mathematics or Ma10a

Ma12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advived for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Knowledge of Plane Geometry and Algebra

Three hours per week

3 eredits

Ma15a Applications of Mathematics—This course treats of the applications, practical and recreational, of the various branches of mathematics, from arithmetic up to and including calculus.

Three hours per week

3 eredits

Ma16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week

3 eredits

Prerequisite: Knowledge of Plane Geometry

Ma20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Malla and 12b

Three hours ber week

3 credits

Ma21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponental functions with practical applications.

Prerequisite: Ma20a Three hours per week

3 eredits

Ma23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Ma11a and 12b

Three hours per week

3 credits

Ma25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable. Prerequisite: Ma11a

Three hours per week

3 credits

Teaching of Secondary Mathematics—(See Education 25b).

Ma30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Ma21b
Three hours per week

3 eredits

Ma31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Ma30a Three hours per week

3 credits

Ma32a Differential Equations—This course includes the solution of ordinary differential equations, covering first and second order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Ma30a Three hours per week

3 credits

Ma41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Knowledge of Algebra and Trigonometry. Laboratory fee \$2.00

Three hours per week

3 credits

Ma42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Malla and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

PROFESSOR FISHER, MRS. MEYER, MR. LUNT, AND MR. KLAUSS

A. Theory of Music

Mu13a-b Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music study, and will help in the acquisition of skill in a number of phases of the art. Note reading, sight-singing and ear-training will be practiced throughout the year. During the first semester,

scales and keys will be mastered, and during the second semester much attention will be given to intervals and chord structure. The basic elements of conducting will also be included in the course.

Two hours per week

4 credits

Mu23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Both semesters of Mu13ab

Two hours per week Offered 1958-1959

4 credits

Public School Music—(See Education 23a).

B. History and Appreciation of Music

Mu32a History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Two hours per week Offered 1957-1958

3 credits

C. Church Music

Mu42b Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Two hours per week Offered 1957-1958

3 credits

D. Applied Music

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

E. Ensemble

(No tuition charge. No credit unless attendance at rehearsals and public performances is satisfactory, and unless participation extends over the entire school year.)

College Choir

Three hours per week (two rehearsals)

2 credits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Students may elect 20 semester hours of credit in music toward the A.B. or B.S. degree. A maximum of 8 semester hours in Ensemble and/or Applied Music may be applied towards the A.B. or B.S. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play

at sight a composition such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the preceding pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

Physical Education and Health

Mr. Herr, Mr. Smith, and Miss Risser

PE10ab Physical Education—Instruction and practice in fundamental techniques of seasonal team, dual, and individual activities for development of basic skills, knowledge and attitudes in these activities.

Two hours per week

2 eredits

PE20ab Physical Education—Continuation of instruction and practice in seasonal activities with emphasis on advanced techniques, skills, and knowledge in these activities.

Prerequisite: PE10ab
Two hours per week

2 eredits

PE21b Camp Counseling—Instruction and practical experience in camp activities and camperaft with development of leadership in these activities and the camping program.

Laboratory fee, \$2.00 Three hours per week

3 eredits

Teaching of Health and Hygiene—(See Education 26ab).

PE23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are inincluded in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 eredits

Physics

Mr. Custer and Mr. Hertzog

Phy10a Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meterology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00 Three hours per week

3 eredits

Phy12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

If possible the student should provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed during the first semester.

Two hours recitation and three hours laboratory per week 6 eredit Laboratory fee, \$10.00 per semester

Phy17a-b Drawing and Descriptive Geometry—The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments.

One hour lecture and five hours laboratory per weck 4 credits

Phy20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlaton of class and laboratory work will be maintained.

Prerequisite: Malla and 12b Laboratory fee, \$7.50 per scmester

Three hours recitation and two hours laboratory per week 8 credits

Courses 21a, 22b, 30a, 31b form a unified course in Physics, and they are intended for those wishing an intensive covering of Physics. Students majoring in Chemistry or Mathematics should, if possible, plan to take these courses. The mathematical approach will be used.

Phy21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion, elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Ma21b (or concurrently)

Three hours recitation and two hours laboratory per wcck 4 credits Laboratory fee, \$7.50

Phy22b Heat and Sound—The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Phy21a and Ma30a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohms Law, Kirchhoffs Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism, alternating currents, radiation, and electronics.

Prerequisite: Phy22b

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Phy30a

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy40a Statics—This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisite: Ma30a and Phy21a

Three hours per week

3 credits

Phy41b Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Phy40a

Three hours recitation and two hours laboratory per week 3 credits

Psychology

Professor Stump

Ps10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people. This course is a prerequisite for all other psychology courses.

Two hours per week

4 credits

Ps20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Prerequisite: Ps10ab Three hours per week Laboratory fee, \$3.00

3 credits

Ps22b Child Psychology—This course includes such phases of child study as infant behavior, child adjustment, and motor and emotional development. Other topics to be discussed include motivation, imagination, language development, thinking, intelligence, social development, and personality.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps31b Psychology of Exceptional Children—An overall consideration of the psychology of exceptional children, including the mentally superior, mentally retarded, defective and physically handicapped.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps32b Mental Hygiene—Dynamics of personal and social adjustment and maladjustment, particularly as they relate to child and adolescent development.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Prerequisite: Ps10ab Three hours per week

3 credits

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

Ps40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Prerequisite: Ps10ab
Three hours per week
Offered 1957-1958

3 eredits

Sociology

Assistant Professor Spurling

Sol0a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 eredits

So20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week Prerequisite: So10a 3 credits

Offered 1958-1959

So21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per week Prerequisite: So10a

3 eredits

So31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week Prerequisite: So10a 3 eredits

So32b Intergroup Relations—An analysis of intergroup relations involving racial, ethnic, and religious minorities in the United States and selected regions of the world.

Three hours per week

3 eredits

Prerequisite: So10a

So40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction. Three hours ber week

Prerequisite: So10a Offered 1958-1959

So41b Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: Solla Offered 1957-1958

So42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week

3 credits

Prerequisite: Solla Offered 1957-1958

So43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours ber week Prerequisite: Solla

3 credits

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etovenian* and the *Conestogan*, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas and Easter vacations. This fee amounts to \$1145.00; for students residing in the New Women's Residence Hall to \$1196.00.

Day Students

The expenses for a student attending College from his own home are \$600.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of College	\$286.25	\$150.00
On or before December 1	286.25	150.00
On or before February 1	286.25	150.00
On or before April 1	286.25	150.00

For students residing in the New Women's Residence Hall, the quarterly charge is \$299.00.

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

^{*} This charge does not include the accident insurance premium required of all students. See page 84.

The tuition charge for less than 10 and more than 18 hours per week is \$16.50 per semester hour when students take work with regular classes. Whenever choir, chorus, and/or band increases the number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

Each student is credited with \$5.00 per year from his college fee toward an alumni life membership fee of \$20.00 and with class membership fees of \$2.50 per year. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

All automobiles operated and parked on the campus by students must be registered at the Business Office and a \$2.00 registration fee must be paid.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the Dean of the College. If such withdrawal occurs before the end of the semester, the student is obligated for the entire semester's charges, except for 75% of the unused board charges and 50% of the unused room charges, and for tuition as follows:

Period of Attendance	Q	Per Cent of warter's Charge
One week		No Charges
2 to 3 weeks		25%
4 to 5 weeks		50%
6 to 7 weeks		75%
After 7 weeks		100%

The effective date for calculating refunds will be the date of receipt of a written notice of withdrawal by the Dean.

General Expense Information

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$8.00 for men and \$4.00 for women per college year. It is compulsory on the part of all students to carry this insurance.

The cost of one lesson per week in piano, voice or organ is \$30.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

A fee of \$10.00 will be required of any student failing to register at the specified time. Any appeal to this rule must be presented in writing to the Dean of Instruction. He, in turn, will present it to the Committee on Admissions whose ruling will be final.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing. For examinations not taken on regularly scheduled date, students will be charged \$1.00 per semester hour.

Students for whom it is possible to substitute a course offered on campus for an off-campus extension course will be permitted to enroll in the extension course only with the approval of the Dean of Instruction and the payment of an additional extension fee. Any student enrolled for 10 or more semester hours including extension courses will be considered a full-time students and will be expected to pay full-time fees and to abide by all regulations that affect regularly enrolled students.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A fee of \$10.00 must accompany the "Application for Admission." This fee, covering the cost of processing the prospective

student's application, is non-refundable and cannot be applied toward the payment of other charges.

A successful applicant for the September term should send to the Director of Admissions, Elizabethtown College, a matriculation deposit of \$25.00 on or before May 20. Those receiving notification of acceptance after May 5, should send the \$25.00 matriculation deposit within 15 days of the date of notification. This fee reserves a room for boarding students. It will be credited to the student's account when he matriculates. If a successful applicant withdraws before July 1, the advance deposit will be returned. No refund will be made after July 1.

A preregistration fee amounting to \$25.00 is required of all matriculated students planning to return to college. The fee is payable before July 1. It is applicable to the first semester's account. No refund will be made after August 1.

A graduation fee of \$10,00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The Elizabethtown College Scholarships range in value from \$900.00 to \$1200.00 distributed over four academic years. A student to be eligible must be graduated in the highest tenth of his class.

A \$900.00 scholarship, available at the rate of \$225.00 per year, is awarded to students who are graduated in the upper tenth of their classes. Should the student be graduated first or second in rank in his respective graduating class the scholarship is worth \$1200.00 available at the rate of \$300.00 per year.

The holder of this scholarship must maintain a scholastic average indicated by the following credit-quality point ratios in order to be eligible for the renewal of his scholarship.

At the close of the Freshman year 2.25 At the close of the Sophomore year 2.50 At the close of the Junior year 2.75

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest tenth of his class.

The College also offers scholarships to ministers and missionaries and their children. To receive a minister's scholarship a student is required to file a written application and present satisfactory evidence of his licensure.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Part-Time Employment

The College offers a limited number of opportunities to men and women desiring to earn part of their expenses. The purpose of the College is to aid the largest possible number of students needing aid. For more detailed information write to the Business Manager of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$25.00 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Business Education are eligible.

The Weaver-Zeigler Prize—A prize of \$15.00 is awarded annually to that member of the senior class who during his or her career at college has shown the greatest interest and scholarship in the courses in Bible and Christian leadership. This prize is given by Carl and Naomi Weaver Zeigler, classes of 1931 and 1934, in memory of their parents Reverend George W. and Magdalena Oberholzer Weaver and Harvey F. and Susan Wenger Zeigler.

Accounting Award

Each year the Pennsylvania Institute of Certified Public Accountants awards "The Accountants Handbook" to a member of the graduating class whose academic ability in accounting is excel-

lent and whose professional attitudes and characteristics are highly commendable.

The Wall Street Journal Award

Each year the Wall Street Journal makes an award of a medal and a year's subscription to the newspaper to a graduating student who has done outstanding work in the field of finance and business.

General Regulations

Only upon petition to the Committee on Admissions can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Business Manager.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

The College approves a linen rental service which, for an established fee, will supply each student weekly with linens. A letter explaining this service will be sent to each resident student during the summer months. Facilities for personal laundry are available in the dormitories.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

To make his room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health and Physical Education

Health is a basic objective of modern education. Elizabethtown College attempts to safeguard the health and physical well being of students.

All students are required to pass a satisfactory health examination before they are admitted to Elizabethtown College. A report of this examination shall be supplied on forms provided by the college and shall be sent by the examining physician directly to the Dean of Instruction. After being admitted, health examinations may be requested of any student whose health or academic record indicates the need for a check-up. Chest X-rays are required at two year intervals. All health records are kept in strict confidence.

The decision as to whether or not any individual is able to participate in physical activities, intramural or intercollegiate sports rests with the physician administering the physical examination. All students are considered to have permission to participate in competitive and intercollegiate sports unless the college, through the office of the Dean of Instruction, is otherwise instructed by parent or guardian.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Intramural Program

Elizabethtown College enters men's varsity athletic teams in intercollegiate competition in basketball, baseball, tennis, wrestling, and soccer. Elizabethtown College is a member of the Middle Atlantic States Collegiate Athletic Conference, the National Association of Intercollegiate Athletics, and the National Collegiate Athletic Association.

Women have intercollegiate competition in basketball and field hockey.

The college holds membership in the National Association of Physical Education for women college students.

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director. The director has the right to prohibit a student from participating in any public activity whenever such participation is detrimental to his college work.

Student Government Organizations

All students are ipso facto members of the Student Association.

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them.

They are maintained not only for a few, but for all. Every safe-guard is exercised to insure wholesome contests upon the highest moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Movement and Clubs

The Student Christian Movement of Elizabethtown College has been organized to coordinate all religious activities on the campus. The movement will sponsor a number of commissions which shall be groups for specialized expression and action. Included in the commissions will be such groups as L.S.A., Student Volunteers, Ministerium, etc.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading drama of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Future Teachers of America

Purpose: To develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national education associations. An attempt is made to acquaint teachers in training with the history, ethics, and program of the organized teaching profession.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Report of the Officers of the College, the Alumni Edition, the Summer Session Announcements, and the Catalog Number.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The Rudder, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration. All general college regulations not listed in the annual catalog are contained in the Rudder.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the College Choir is chosen from the membership of the College Chorus, and consists of thirty-six to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the College Choir takes frequent trips, giving concerts in Brethren churches and other churches of Pennsylvania. The College Choir also prepares a repertoire of secular music which is presented at some time during the second semester of each school year.

The College Chorus is an organization consisting of around a hundred members, which presents a great oratorio at some time during the school year. The oratorio is presented in the college auditorium, with guest soloists and college soloists.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the College Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and make frequent public appearances in churches, high schools, and other places.

Buildings and Grounds

Elizabethtown College, ideally situated on an attractive campus of some fifty acres, provides baseball diamonds, a soccer field, a hockey field, all-weather tennis courts, and a large lake. These adequately provide for the physical development of the students.

Alpha Hall

The original building, a substantial brick structure, is called Alpha Hall. On the first floor are the offices and the living room. The second and third floors contain dormitories, the Green Lounge, and a women's day student room.

Rider Memorial Hall

During January, 1905, the trustees planned the erection of a new four-story brick building, to the memory of Mr. Joseph Rider, a most liberal contributor. The building was dedicated March 4, 1906, as Memorial Hall. On the first floor are located the college store, a recreation room, and faculty offices. Classrooms, faculty offices, a music studio, and piano practice rooms comprise the second floor. The third floor contains the chapel and a large classroom. The fourth floor is a dormitory.

Fairview Hall

On June 7, 1921, the third college building was dedicated. This is a three-story brick building used as a men's dormitory. The first floor contains an infirmary and a guest room.

Gibble Memorial Building

In 1927, the Gibble Family Association erected a science building. The first floor contains two laboratories, one lecture room, a classroom, a stock room, and an office for the department of biology. The second floor accommodates the departments of physics and chemistry, with chemistry and physics laboratories, stock rooms and offices. There is another lecture room on the second floor. All the laboratories are equipped with furniture and fixtures appropriate to departmental needs.

Auditorium-Gymnasium

In 1928 the College took steps to raise a fund for an auditorium-gymnasium. This movement was given an impetus in the challenge

of Mr. Joseph C. Johnson of Montgonery County, Pennsylvania, to give a sum equal to that raised by the alumni and friends of the College. After this challenge was successfully met by the alumni, students and friends of the College, the beautiful and commodious auditorium-gymnasium was erected and dedicated in May, 1929.

The building is 108 feet long and 63 feet wide. A thousand people can be comfortably seated on the main floor and the balcony of this building. This auditorium has provided for institutes, conferences, and other large gatherings at the College. The stage was equipped by the Alumni Association and the Class of 1929.

The floor is 61 feet by 76 feet and accommodates from 600 to 700 spectators. All classes in physical education meet in this building for lectures and gymnasium work. Lockers are available in the basement. Storage rooms occupy the space under the balcony.

The alumni, students, and friends have made a real contribution to the success of the work of the College by the erection of this substantial building. In May, 1946, the Alumni Association undertook a financial campaign to provide for alterations to this building. The fund currently amounting to \$30,000 has been contributed by alumni and friends of the College.

Dwellings

Six dwellings are located on the campus and furnish residence for members of the faculty.

Zug Memorial Library

Completed in 1950, the centrally located library houses 22,000 volumes and provides space for an additional 25,000. Approximately 200 periodicals and 15 newspapers are currently received.

Rooms on the ground floor include the projection-lecture room, the faculty lounge, and the Brethren Historical Room. The reading room, and the stack area are of chief interest on the main floor.

Income from the following funds helps to provide books for the areas mentioned: a \$300 fund in memory of Elias M. Baugher given by friends; a \$200 fund given by the Eastern and Southern Districts of the Church of the Brethren in Pennsylvania, both for the purchase of books in the Bible department; a \$500 John H. Espenshade Physical Education Fund, (John H. Espenshade, a member of the class of 1939, was killed in Italy, 1943, in World

War II) established by Jane Espenshade Murray and Eby C. Espenshade '35 to purchase physical education books.

The library is open to the general public as well as to the college clientele daily during regular sessions including Saturday mornings and Sunday afternoons.

North and South Halls

Elizabethtown College received from the Federal Government, under the provisions of the Lanham Act, two dormitories for housing male students. These buildings, located south of the Student Alumni Gymnasium, furnish adequate and comfortable living quarters for eighty men.

Business Education Building

Under provisions of "Title II of the Servicemen's Readjustment Act of 1944," the Federal Works Agency erected a building of 4,000 square feet floor space to be used for housing the Business Education department. The building is conveniently located south of Alpha Hall. It provides Elizabethtown College with an additional five classrooms and several offices.

New Residence Hall for Women

First occupied in January, 1957, the new residence hall for 130 women also houses the college dining hall and kitchen. Additional facilities include an infirmary, a suite for the head of residence, and a suite and office for the Dean of Women.

Modern in construction and appointments the new residence hall is open to women students of all four classes.

Laboratories

The Biological Laboratory occupies well lighted quarters and possesses the latest type of laboratory furniture. Through the interest and generosity of Mr. Graybill Minnich, it has been equipped with modern compound microscopes, microtomes, and other apparatus. There is also a set of Leuckart zoological charts, and steam and dry sterilizers. Recently the Trustees added electric incubators and paraffin oven, an autoclave, a Stokes water still, hot plates, nets, and other collecting apparatus. The laboratories in physics and chemistry are equipped with modern apparatus. Modern tables and desks have been installed in both laboratories. Friends of the school have made valuable contributions toward this equipment. Mr. John M. Miller and Mr. James H. Breitigan, both of the class of 1905, gave a liberal sum to the department.

Lake Placida

Lake Placida, developed near an evergreen grove on east campus under the sponsorship of the Alumni Association, is a spot where students find opportunity for relaxation and fun. At its edge the annual Freshman-Sophomore tug of war, as well as picnics and vesper services are held.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members of the Board of Trustees. These members are nominated by the Association and serve three years.

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The Alumni Council
President, Louise (Baugher) Black, '46

Commencement

Monday, May 28, 1956 10:00 A. M.

Address: Dean Ernest O. Melby, Ph.D.

New York University

Honorary Degrees

ERNEST O. MELBY, Doctor of Pedagogy
JAY H. ESHELMAN, Doctor of Science
J. HERBERT MILLER, Doctor of Divinity

Degrees in Course

Bachelor of Arts in Liberal Arts

D. Brooke Butterwick	Sellersville, Pa.
JOHN DEAN BYERS	Johnstown, Pa.
WILLIAM HOWARD CARMITCHELL, JR	Lancaster, Pa.
LUCY BAUGHER FALK	Colonial Park, Pa.
ROBERT EUGENE FAUS	Manheim, Pa.
JOHN F. FERICH, JR., Cum Laude	Willow Street, Pa.
P. RICHARD FORNEY	
JAY E. GIBBLE	
DAVID BRYAN HOOVER	
*Edward Aaron Howry	
*Mary Louise Jackson	
SUN KYUNG KIM	
HAROLD NELSON KREIDER	
PURCELL McKamey	
GWENDOLYN ANN MILLER, Cum Laude	Boiling Springs, Pa.
RALPH ZIEGLER MOYER	Telford, Pa.
H. Morrell Shields	
Bruce I. Smith, Jr	Harrisburg, Pa.
LORRAINE STEHMAN SNOWDEN	
*JAY F. WALMER	
Kenneth E. Wittle	
MARK YOUNDT	
	•

Bachelor of Science in Science

Donald Eugene Barr	Reedsville,	Pa.
GLENN ROY DIMELER	Harrisburg,	Pa.
JACOB R. MESSNER, JR	Rothsville,	Pa.
Zoe Gale Proctor		
*Alfred Joseph Schwankl	Lancaster.	Pa.

^{*} Degree granted August 10, 1956.

Bachelor of Science in Business Administration RUTH MAE ALEXANDERLancaster. Pa. JOHN KEITH BUSH Lemoyne, Pa. *Joseph F. Cook, Jr. Milford, Del. *Clarence J. CoxLancaster, Pa. RALPH I. ESHELMAN Elizabethtown, Pa. JOHN WITMER WOLFLancaster, Pa. IAMES W. ZARFOSS Elizabethtown, Pa. Bachelor of Science in Secretarial Science Bachelor of Science in Secondary Education Bachelor of Science in Business Education *JANET B. EARHART Elizabethtown, Pa. *Ruth Jo Ann KlingBlairs Mills, Pa. RUTH JANE WITTER Mercersburg, Pa. Bachelor of Science in Elementary Education EVELYN LOUISE BELLPalmyra, Pa. NANCY JANE BRUBAKERLititz, Pa. SARAH JOAN KNEPPER Berlin, Pa.

JANET L. VARNER Spring Run, Pa.
DORIS ELAINE WELCH West Grove, Pa.
RITA GAIL ZUG Richland, Pa.

^{*} Degree granted August 10, 1956.

Recipients of Certificates

Medical Secretarial Science

EILEEN ROBERTA BROUSELebanon, Pa.
EDYTHE LETITIA CLOAK
BARBARA EMILY ECKERTLancaster, Pa.
EUNICE IRENE FORREST
JUDITH SHERRILL KANDLE
RUBY ELLEN KIPP Newport, Pa.
AUDREY FINDLAY KUDER Lansdale, Pa.
PHYLLIS E. LONGENECKER
Donna Lou Nell
BARBARA ANN NOECKER
GLADYS A. SHIRKQuarryville, Pa.
NANCY ADALINE WEIBLYLudlowville, N. Y.

Secretarial Science

GAIL DEANNA DEIMLER Enola, Pa.

Medical Technology

Bonnie Jean Gibble	Lebanon,	Pa.
*Sandra Joanne Hart	Lancaster,	Pa.
GLADYS E. McCONNELL	ow Street,	Pa.
MARTHA LOUISE REED	Hydes,	Md.
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^{*} Certificate granted August 10, 1956.

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1956-1957

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LUTZ, MARTHA JANE	.250 W. Bainbridge St., Elizabethtown
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MUSSER, HELEN H	200 Mount Joy St., Elizabethtown
PALUMBO, PORSIA	626 Race Ave., Lancaster
RILEY, MARIE	. 226 N. George St., York
D Domest	111 W Car St Red Lion
ROSEMAN, BETTY	, . III W. Gay Di., Act Dion

SNYDER, EVELYN B
SPRENKLE, ANN E Box 208. Red Lion
STAUB, FAY S 1432 Third Ave., York
Toppin, Marian N
WATSON, EVELYN P
WENGER, DOROTHY M
WHISLER, NAOMI
WHITE, ORPHA

Red Lion Extension

	Bonville, Rachel	
- (CRAWFORD, RUTH	R. D. 2, Felton
1	EICHMAN, CAROL	157 First Ave., Red Lion
- (GRIFFITH, M. ELIZABETH	Delta
1	HOFFMASTER, SUSAN E	314 Wise Ave., Red Lion
]	KNISELY, MILDRED	Brogueville
1	Murrow, Laura Q	Brogueville
1	NEFF. ARLENE A	323 Atlantic Ave., Red Lion
	STUMP, LOIS E	

Lebanon Valley-Elizabethtown College Extension Center Harrisburg, Pennsylvania

Men

Aiello, Charles J		. 132 Sylvan Ter., Harrisburg
ANDERSON, CHARLES A.		. 403 S. Wood St., Middletown
		.2130 Berryhill St., Harrisburg
CAMPBELL, CLAYTON E.	. TR	.633 S. Eighteenth St., Camp Hill
DAVIES, ROBERT H		.104 E. Coover St., Mechanicsburg
		. 528 Spring St., Middletown
		. 3120 Elm St., Harrisburg
		. 1928 Briggs St., Harrisburg
		.2634 N. Third St., Harrisburg
HARRY, JOHN G		
KANODE ISLAC S		. 507 W. High St., Hummelstown
KRAMER PORERT F	• • • • • • • • • • • • • • • • • • • •	. R. D. 2, Schuylkill Haven
LAW DONALD C		108 C Caventeenth Ct Harrichurg
LAW, DUNALD S		. 108 S. Seventeenth St., Harrisburg
LESHER, JAMES J	• • • • • • • • • • • • • • • • • •	Orantham
LOCK, LARRY W		. 2706 N. Sixth St., Harrisburg
NEGRON, OSCAR PUMARI	ε ງ ο	. 1853 Spencer St., Harrisburg
KILEY, RICHARD P		. 511 S. York St., Mechanicsburg
Seiders, Marlin D., J.	R	Box 134, Lewisberry
		. 1934 Bellevue Rd., Harrisburg
SHENK, JACOB R		
SPASEFF, PHILIP		.701 N. Front St., Steelton
SPOTWOOD, JOSEPH		. 1110 Wallace St., Harrisburg
Stevens, Glenn R		. 120 Prince St., Harrisburg
TAYLOR, JOSEPH	· · · · · · · · · · · · · · · · · · ·	.527 E. High St., Elizabethtown
Toser, Marlin		.3133 N. Fifth St., Harrisburg
WEAVER, JOHN W. H.		. 2141 Swatara St., Harrisburg
ZIEGLER, PHILIP		
·		•

Women

BARNES, BERTHA	. 300 N. Seventieth St., Rutherford Heights
BATEMAN, MARION V	, 2015 Manada St., Harrisburg
BECK, CLARA L	
BECKER, INA CLAIRE	. R. D. 2, Dauphin
BLYLER, BERTHA L	.760 State St., Millersburg
BOOKWALTER, GLADYS J	.226 Emerald St., Harrisburg
BOTTIGLIER, MARY E	.517 Fourth St., New Cumberland
BRUBAKER, MARJORIE H	. 1098 Poplar St., Lebanon
BULLOCK, ELIZABETH H	. 120 S. Fifteenth St., Camp Hill
BURGER, MARY ELIZABETH	. Penn St., Royalton
BUTERBAUGH, GWEN A	R. D. 4. Mechanicsburg
Byers, June	
DAVIS, MYRTLE	. 1823 N. Second St., Harrishurg
FINK, LAURA	
FOOR, RUTH A	.2550 N. Third St., Harrisburg
GOUDY, MIRIAM H	.13 Creek Rd., Camp Hill

GRAYBILL, RUTH S. R. D. 1, Hummelstown
GRUBB, ELEANOR 4500 Ethel St., Harrisburg
HAAS, ETHEL 2126 Penn St., Harrisburg
HAND, DOROTHY H. 514 W. Main St., Hummelstown
HECKENLUBER, JOYCE M. 203 N. Front St., Harrisburg
HISLIER, ANNA T. Loyalton
HEISLER, ANNA T. LOYAlton
HINNINGER, CAROLYN 2426 N. Second St., Harrisburg
HOUCOMBE, JESSIE R. 214 N. Second St., Harrisburg
HOWARD, ALICE T. 109 Royal Terrace, Harrisburg
HOWARD, ALICE T. 109 Royal Terrace, Harrisburg
HOWARD, ALICE T. 25th and Columbia Sts., R. D. 89, Harrisburg
KELLY, ELEANOR E. 2400 Market St., Apt. 63C, Harrisburg
KELLY, ELEANOR E. 2400 Market St., Apt. 63C, Harrisburg
KENNEDY, HELEN 2814 Rathton Rd., Camp Hill
LENKER, VIOLA F. 276 Pine St., Millersburg
LOGAN, BETTE J. 3725 Elder Rd., Harrisburg
LUTZ, PEARL M. Skyline View, R. D. 3, Harrisburg
MEYERS, DORIS A. 2436 Canby St., Penbrook, Harrisburg
MIDABAUGH, NANCY C. 135 Evergreen St., Harrisburg
MIDABAUGH, NANCY C. 135 Evergreen St., Harrisburg
MILLER, EDITH E. 301 Mill St., Williamsville 21, N. Y.
OBERHOLTZER, KATHLEEN 2815 Canhy St., Penbrook, Harrisburg
PAULES, BETTY L. Mounted Route, Mechanicsburg
PAULES, JANET M. Mounted Route, Mechanicsburg
RAMER, BONNIE Carson Long Inst., New Bloomfield
RATCLIFFE, JOAN REID 757 Pine St., Steelton
RAYBURN, PRISCILLA A 3294D Wakefield Rd., Harrisburg
SCHAFFER, GERALDINE N 2210 Logan St., Harrisburg
SHADE, ADELAIDE 151 Derry St., Harrisburg
SHADE, ADELAIDE 152 Charly St., Flarrisburg
SHADE, ADELAIDE 151 Derry St., Harrisburg
SHADE, ADELAIDE 152 Charly St., Flarrisburg
SHADE, ADELAIDE 153 Comerset St., Rutherford
STONER, JEAN B. 2106 N. Second St., Harrisburg
SHADE, ADELAIDE 151 Derry St., Harrisburg
SHADE, ADELAIDE 152 Charly St., Steelton
THEAL, HELEN H. 557 Wiconisco St., Harrisburg
SHADE, ADELAIDE 151 Derry St., Harrisburg
SHADE, ADELAIDE 152 Charly St., Steelton
THEAL, HELEN H. 557 Wiconisco St., Harrisburg
SHADE, ADELAIDE 151 Derry St., Harrisburg
SHADE, ADELAIDE 152 N. S., Steelton
THEAL, HELEN H. 557 Wiconisco St., Harrisburg
VANNER, RUTH E. 629 Pine St., St

1956-Summer Session I

Annua Danna K	
ADAMS, ROBERT K	
BAUGHER, JAMES	
BERRIER, VICTOR R	
BLANSET, DAVID H	
BOMBERGER, DAVID R School Lane, Mount Joy	
Book, Jay R	11
Boorse, David	
BOYLES, JAMES G	
BRITTON, RICHARD A	
COOK, JOSEPH F 1028 N. Walnut St., Milford, Del.	
COOPER, DEAN S McConnellshurg	
Cox, Clarence J	
CRUM, CARL R	
DAUGHTRY, JAMES ERheems	
DAVELER, HAROLD S	
DENLINGER, CARL R	
DESCH, WILLIAM	
DENKEL, FRANCIS JOSEPH	
DOURTE, WILBERT State Drive No. 21, Lehanon	
EBERSOLE, GERALD R Box 216, Hummelstown	
EICHLER, FRANKLIN R	
EMENHEISER, RICHARD S	
Funt. Marwood	
GANTZ EPEDERICK I 364 N. Seventh St., Lehanon	
GARLAND, TERRY	
Gerlach, George W	
GOGAR, WILLIAM30J Hall Manor, Harrishurg	

GRAHAM, HARRY J
HARTMAN, RICHARD K
Heisey, Chester R
HENRY, CARL D
HERSHEY, J. MALCOLM
Hoch, Harold L
Huber, Donald B
KEENEY, ORWIN E
King, Thomas N
KLOCK, JAMES C Dornsife
KNOPP, ANDREW E., JRSunset Blvd., Cape May, N. J.
LeSevre, Russell
LIGHTHISER, THOMAS D
MALMBORG, FREDERICK
Marshalek, Michael J
MILLER, KENNETH L
Musser, John R
NACE, SAMUEL N
Nach, Charles D
NAPP, WILLIAM R
NIKOLAUS, JOSEPH H
Noel, Fred F
Norford, Millard B
PAONE, SALVATORE L
PAUL, GEORGE F
Paxson, James W
Picking, John C
REED, MARLIN S., JR Gratz
Reiber, Curtis B
RITCHEY, PAUL E
ROACH, CLYDE W
ROBBINS, ROY
RUDOLPH, GERALD M
SAVASTIO, LEO J
SCHWANKL, ALFRED J
SCOTT, JOHN M
SHILCUSKY, JOHN
SHIRK, W. DONALD
SMITH, WILBUR I
Sohn, Mendel S
SPASEFF, PHILIP
STARR, DONALD H
TARBUTTON, CLYDE
Taylor, Joseph W
THENER PORERT 900 Ponlar St. Vork
TURNER, ROBERT 900 Poplar St., York WALMER, JAY F. 103 N. Market St., Elizabethtown
WARFEL, KENNETH
WARNER, KENNETH E
WESTHEAFER, CHARLES R
WETZEL, ROBERT M
WILLIAMS, CALVIN W
WISEHAUPT, HOMER E
YURKIEWICZ, STANLEY A
Zarfoss, James
· ·

Women

BECK, CLARA L	. 523 Spring St., Middletown
BECKER, ARDELLA A	.413 High St., Dauphin
Bender, Zelah	. 102 N. Barbara St., Mount Joy
BIRDSALL, B. JOAN	High Bridge, N. I.
BISHOP, NANCY LOU	. 19 W. King St., Ephrata
Brubaker, E. Yvonne	R. D. 1, Mount Joy
BUCHER, MABEL	350 Donegal Springs Rd., Mount Joy
Byers, June A	Grantham
CANNON, MILDRED A	. 21 N. Fifteenth St., Harrisburg
CLAY, MILLIE	. 218 Carpenter Ave., Myerstown
COOPER, CAROLYN H	. 325 N. Seventh Ave., Lebanon
CORCORAN, BARBARA D.	320 N. Duke St., Lancaster
Cosner, Yvonne	Elizabethtown College, Elizabethtown
Cox, Gimmie Lu	15 Crescent St., Highspire
Davis, Myrtle S.	1823 N. Second St., Harrisburg
DIBELER, ELLEN M	500 N. Union St., Apt. No. 1. Middletown
EARHART, JANET	R D 2 Flizabethtown
EARRARI, JAMEI	it. D. B, Dillabelitonii

EARHART, MARION2595 State St., East Petersburg
EARHART, MILDRED L
Eck, Beatrice H
Eck, Dearkite II
ERB, LOIS M R. D. 1, Mount Joy
ESHLEMAN, EMILIE JANE
ESPENSHADE, MARY JEAN R. D. 2, Elizabethtown
FITZGERALD, ESTHER C
FORNEY, EDNA K Thompsontown
GIBBS, RUTH T
Graybill, Ruth S
GREEN, RUTH P48 Balm St., Harrisburg
GRUBB, CATHERINE MR. D. 1, Denver
HARRIS, JACQUELINE A
HART, SANDRA J
Heisey, Ruth ELandisville
HESS, LOIS C
HICKS, CLARA R
Holsinger, Elaine F
HOOVER, LYDIA M
HORNING, M. LOUISE
HOWARD, MARY A R. D. 2, Hummelstown
JACKSON, MARY LOUISE
KAUFFMAN, M. LOUISE
KAYLOR, ANNA MARTHA Rheems
KELLER, RACHEL R. D. 5, Lebanon
KINNIBURGH, BARBARA W
KINGE LOUISE S. 117 S. Walnut St. Mechanischurg
KLOCK, LOUISE S
Lefever, Elizabeth P Box 229, R. D. 1, Strasburg
LEMON, SHIRLEY A
LEROY, BETTY S Box 71, Middletown
LIDDLE, VIRGINIA B
LIGHT, FAITHE M
Long, Marion B
LONGENECKER, A. JOYCE
LONGENECKER, RUTH ANN
LUTZ, PEARL M
NEYER, ESTHER M
Nolt, Elizabeth H
Our P. Cher U. Picker M4
QUILLEN, CECIL H. Bishop, Md. RUTKA, ISABEL P. O. Box 143, Minersville
RUTT, ETHEL M
SHEPHERD, Y. VIOLA
Springer, Miriam E
STONER, RITA L
SWIGART, KATHRYN R
THEAL HELEN H
Turner, Deloris
WARNER, MARY S
Warner, Mary S
WEIGLE, SARA M. G
WENGER, LOIS
WITMAN, WILLETTA
Wolfe, Florence
Zeigler, Margaret A
ZIMMEROMAN, WIAME ARLENE

Summer Session II

Men
Adams, Robert K
Belicic, Matthew
Berrier, V. Ralph Donegal Springs Rd., Mount Joy
BOYLES, JAMES E
BRITTON, RICHARD A
COOPER, DEAN S
Cox, Clarence J146 Crest Ave., Lancaster
CRUM, CARL 24 W. Caracas Ave., Hershey
DAVELER, HAROLD S
DESCH, WILLIAM
DINKEL, FRANCIS J
DOURTE, WILBERT State Drive No. 21, Lebanon
Funt, Marwood
GANTZ, FREDERICK
Cray ACR GEORGE 1410 Millersville Pike Lancaster

GOGAR, WILLIAM
GREIDER, JAY
MOUNT JOY
HARTMAN, RICHARD K.

GREIDER, JAY
MOUNT JOY
HARTMAN, RICHARD K.

157 N. Lincoln St., Palmyra
HARTMAN, RICHARD K.

157 N. Lincoln St., Palmyra
HEISEY, CHESTER
620 S. Hanover St., Elizabethtown
HOCH, HAROLD L.
165 S. Fourth St., Steelton
HHOURER, DONALD
957 E. King St., Lancaster
KEENEY, ORWIN
R. D. 1, Myerstown
KING, THOMAS N., JR.
1907 Manada St., Harrisburg
KNOPF, ANDREW
Sunset Blvd., Cape May, N. J.
LEFEVRE, RUSSELL
Lake Drive, Hammonton, N. J.
NACE, SAMUEL N.
403/2 N. Market St., Elizabethtown
NAPP, WILLIAM R.
211 E. Main St., Middletown
NOEL, FRED
ROOM, MILLARD B.
142 Sixteenth St., New Cumberland
PAONE, SALVATORE
1126 Federal St., Philadelphia
PANSON, JAMES
811 S. Market St., Elizabethtown
PENSYL, WILLIAM G.
State Street, Portland
PICKING, JOHN
MARION
RANCK, ROBERT
BOX 102, St. Thomas
REEVES, JULUIS V., JR.
608 Boas St., Harrisburg
REIBER, CURTIS B.
209 Main St., Woodstown, N. J.
ROAGH, CLYDE
SAVASTIO, LEO S.
2445 E. Second St., Hummelstown
SAVASTIO, LEO S.
2445 E. Second St., Hummelstown
SAVASTIO, LEO S.
2445 E. Second St., Hummelstown
SCHWANKI, ALFRED J.
29 N. Charlotte St., Lancaster
SCHWANKI, ALFRED J.
29 N. Charlotte St., Lancaster
SCOTT, JOHN M.
4617 Hillside Rd., Harrisburg
SHIER, W. DONALD
PATAGISE
SALE S.
R. D. 1, Middletown
MARFEL, M. KENNETH
AT N. Wilson Ave., Elizabethtown
WARFEL, M. KENNETH
AT N. Wilson Ave., Elizabethtown
WARFEL, M. KENNETH
AT N. Salunga
WESTJEL, ROSERT
1413 Second Ave., York
WILLIAM
WESTHEAFRE, CHARLES R.
2828 S. Spruce St., Elizabethtown
WESTHEAFRE, CHARLES R.
2828 S. Spruce St., Elizabeth

Women

BICEVSKIS, TAMARA
BERGEN, MARGUERITE
BARSTOW, Md.
BYERS, JUNE A.
CARA, MILLIE
COSNER, YVONNE
CLAY, MILLIE
COSNER, YVONNE
CON, GIMMIE LU
COSNER, TYONNE
COX, GIMMIE LU
COX, MYERSTOWN
COX, GIMMIE LU
COX, MYERSTOWN
COX, MYERSTOWN
COX, GIMMIE AVE, MYERSTOWN
COX, GIMMIE AVE, MICHORY
COX, GIMMIE AVE, MICHORY
COX, MYERSTOWN
COX, GIMMIE AVE, MYERSTOWN
COX, GIMMIE AVE, MICHORY
COX, GIMMIE AVE, MICHORY
COX, MYERSTOWN
COX, GIMMIE AVE, MICHORY
COX, METALO
COX

STRAW, JANET
SWIGART, KATHRYN R. D. I, McVeytown
TURNER, DELORIS
WENGER, Lois
YEAGER, ETHEL H

Special Sessions

JULY 5-SEPTEMBER 7

Men

ATLAND, JOHN H
Barish, Arnold
BAYUS, ALBERT JBox 148, Smock
CANNISTER, WILLIAM N
Freedman, David
Herd, Jack D
Iozzi, Frank
RITCHIE, JOHN C441 W. Roosevelt Blvd., Philadelphia
SLAFKA, JULIUS

Women

		Todd	
SLAFKA, FRA	NC	ES MARIE	rt

Summary

Number of Students, 1956-1957

	Men	Women	Total
Seniors	61	34	95
Juniors	62	41	103
Sophomores	101	51	152
Freshmen	108	7 6	184
Special Students	7	5	12
Part-time Students	21	32	53
Lebanon Valley-Elizabethtown College Extension		_	
Center, Harrisburg	27	59	86
Red Lion Extension	0	_9	
Summer Session I	81	71	152
Summer Session II	57	34	91
Special Session, 1956	10	2	12
m . 1	5.35	414	0.40
Total	101	53	949
Names Repeated	101	53	154
Grand Total	434	361	795

Geographical Distribution of Students

1956-1957

Pennsylvania									
Counties	S	eniors	J	uniors	Sop	homores	Fr	eshmen	Total
	Men	Women	Men	Women	$M\epsilon n$	Women	Men	Womer	1
Adams Allegheny Bedford Berks Blair Bradford Bucks Cambria Centre Chester Cumberland Dauphin Delaware Elks Fayette Franklin Fulton Indiana Juniata Lancaster Lebanon Lehigh McKean Mifflin Monroe Montgomery Northampton Schuylkill Snyder Somerset Susquehanna Tioga York	. 0 . 1 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0	## Women 2 0 1 0 0 1 0 0 0 0 1 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Women 0 0 0 0 0 0 1 0 0 1 0 0 4 1 0 0 0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0 1 1 0 0 0 4 24 1 1 0 0 2 2 0 0 0 2 9 7 0 0 2 2 0 0 1 1 2 2 0 0 0 1 1 0 8	Women 0 0 2 1 1 0 0 2 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1	Men 0 1 1 4 0 0 0 0 1 6 8 24 1 0 0 2 1 1 0 3 2 3 4 0 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1	Womes 1 0 2 0 1 1 0 0 3 2 4 1 0 0 0 1 1 17 2 0 1 0 0 3 2 2 1 0 0 7	3 2 2 5 11 1 1 4 1 2 12 12 12 12 12 12 13 1 1 1 1 1 1 1
Connecticut Delaware Florida Indiana Maryland Mississippi Massachusetts New Jersey New York Virginia West Virginia Washington, D. C. Germany Greece Hong Kong, China	0 0 0 0 0 0 1 1	0 0 0 0 2 0 0 0 2 1 1 0 0	1 0 0 1 0 0 0 0 3 1 1 0 0 0 0 0 0 0 0 0	0 0 1 0 2 1 0 2 1 0 0 1	0 1 0 0 1 0 0 5 1 0 0 0 5 1 0 0	0 1 0 0 3 0 0 3 0 0 3 0 0 1	0 0 0 0 0 0 1 4 0 2 0 0	0 1 0 0 2 0 0 0 12 2 2 0 0	1 3 1 1 10 1 1 33 7 7 7 1 2
Korea	0	0	2	0	0	0	0	0	2
TOTALS	61	34	62	41	101	51	108		534



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DIRECTOR OF A	I COLLEGE
	I, PENNSYLVANIA
Dear Sir:	
	ed in Elizabethtown College.
_	d me an Application for Admission form.
	ange an interview for me on the campus.
Ser	nd me information about honor scholarships.
N AME	
STREET	CITY & STATE
HIGH SCHOOL	DATE OF GRADUATION
,	
DIRECTOR OF A	DMISSIONS
ELIZABETHTOWN	
ELIZABETHTOWN	I, PENNSYLVANIA
Dear Sir:	
I am interest	ed in Elizabethtown College.
☐ Ser	nd me an Application for Admission form.
☐ Arı	ange an interview for me on the campus.
☐ Ser	nd me information about honor scholarships.
	-
STREET	CITY & STATE
HIGH SCHOOL	DATE OF GRADUATION
2.3	
DIRECTOR OF A ELIZABETHTOWN	
	Y, PENNSTEVANIA
Dear Sir:	1. 70. 1.1. 6.11
	ed in Elizabethtown College.
_	nd me an Application for Admission form.
	range an interview for me on the campus.
Ser	nd me information about honor scholarships.
NAME	
STREET	CITY & STATE

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

PLACE STAMP HERE

OFFICE OF ADMISSIONS

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA



. . . Elizabethtown College was duly incorporated by the Court of Common Pleas in and for the County of Lancaster, on the twenty-third day of September, A.D. 1899, for the purpose of giving such harmonious development to the physical, mental and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests. . . .

-from The Charter of Elizabethtown College



BULLETIN OF

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN PENNSYLVANIA

1958

1959

19	5 8	1959			
JANUARY	JULY	JANUARY	JULY		
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS		
1 2 3 4 5 9 7 9 9 10 11 12 13 14 15 19 17 19 19 20 21 22 23 24 25 26 27 29 29 30 31	1 2 3 4 5 9 7 9 9 10 11 12 13 14 15 19 17 19 19 20 21 22 23 24 25 26 27 29 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 26 27 29 29 30 31	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 19 17 16 19 20 21 22 23 24 25 29 27 29 29 30 31		
FEBRUARY	AUGUST	FEBRUARY	AUGUST		
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MARCH	SEPTEMBER	MARCH	SEPTEMBER		
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1 2 3 4 5 6 7 6 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 26 27 26 29 30 31	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 29 27 29 29 30	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 26 27 26 29 30 31	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 19 17 16 19 20 21 22 23 24 25 26 27 29 29 30		
APRIL	OCTOBER	APRIL	OCTOBER		
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MAY	NOVEMBER	MAY	NOVEMBER		
S M T W T F S 1 2 3 4 5 9 7 9 9 10 11 12 13 14 15 16 17 19 19 20 21 22 23 24 25 26 27 26 29 30 31	S M T W T F S 2 3 4 5 6 7 6 9 10 11 12 13 14 15 19 17 19 19 20 21 22 23 24 25 26 27 29 29 30	S M T W T F S 3 4 5 6 7 6 9 10 11 12 13 14 15 16 17 19 19 20 21 22 23 24 25 26 27 26 29 30 31	5 M T W T F S 1 2 3 4 5 6 7 6 9 10 11 12 13 14 15 19 17 19 19 20 21 22 23 24 25 26 27 29 29 30		
JUNE	DECEMBER	JUNE	DECEMBER		
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS		
1 2 3 4 5 6 7 6 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 26 27 29 29 30	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 16 17 19 19 20 21 22 23 24 25 26 27 29 29 30 31	1 2 3 4 5 6 7 9 9 10 11 12 13 14 15 16 17 16 19 20 21 22 23 24 25 29 27 29 29 30	1 2 3 4 5 6 7 6 9 10 11 12 13 14 15 16 17 19 19 20 21 22 23 24 25 26 27 29 29 30 31		





Elizabethtown College Bulletin

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The University of the State of New York

Student Register for 1957-1958

Announcement of Courses 1958-1959

Vol. XLIV

January, 1958

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa. under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

Summer Sessions-1958

June	9	Monday, 8:00 A. MSummer Session I Begins
July	4	FridayIndependence Day (No Classes)
JULY	11	Friday, 12:00 NoonSummer Session I Ends
JULY	14	Monday, 8:00 A. MSummer Session II Begins
August	15	Friday, 12:00 NoonSummer Session II Ends

Academic Year 1958-1959

September	15-16	Monday-TuesdayFreshman Orientation
September	16	TuesdayDay Student Upperclassman Registration
SEPTEMBER	17	WednesdayFreshman Registration
SEPTEMBER	18	Thursday Boarding Student Upperclassmen Registration
September	19	Friday, 7:40 A. M
September	19	Friday, 9:30 A. MFirst All-College Assembly
September	26	Friday, 10:00 A. MCharter Day Convocation
OCTOBER	18	Saturday
November	13	ThursdayFounder's Day
November	25	Tuesday, 5:00 P. MThanksgiving Recess Begins
DECEMBER	1	Monday, 7: 40 A. M
DECEMBER	19	Friday, 5:00 P. M
JANUARY	5	Monday, 7:40 A. M
JANUARY	22-28	Thursday thru Wednesday First Semester Examinations
JANUARY	28	Wednesday, 5:00 P. M First Semester Ends
FEBRUARY	2-3	Monday-TuesdaySecond Semester Registration
FEBRUARY	4	Wednesday, 7:40 A. M
March	26	Thursday, 5:00 P. M Easter Recess Begins
March	31	Tuesday, 7:40 A. M
MAY	9	SaturdayMay Day
May	25-29	Monday thru Friday Second Semester Examinations
May	29	Friday, 5:00 P. MSecond Semester Ends
May	30	SaturdayAlumni Day
May	31	SundayBaccalaureate Service
June	1	MondayCommencement
•		

Summer Sessions—1959

JUNE	8	MondaySummer Session I Begins
JULY	4	SaturdayIndependence Day (No Classes)
JULY	10	FridaySummer Session I Ends
July	13	MondaySummer Session II Begins
August	14	FridaySummer Session II Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900, for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- (a) That men and women can serve God through any vocation which serves the needs of mankind, whether it be in journalism, in business, in the healing arts, in the ministry, or in home-making.
- (b) That a man can give his best only when he keeps his mind as the master of his body.

- (c) That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.
- (d) That life in college calls for hard work and firmness of purpose.
- (e) That a college education is regarded not only as "preparation for life" but as life.
- (f) That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The Student Christian Association provides opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for the intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the traditional position of the Church of the Brethren, which supports the College, it does not regard a number of the commonly accepted forms of social activities and personal habits as conducive to the development of the highest type of Christian culture. Gambling and the use of alcoholic beverages are strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the vocational interests of its students. Vocational and aptitude tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative officer and/or faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who wish to enter graduate or professional schools.

Expressing these same ideals in another way, Christian education in Elizabethtown College couples sound scholarship with industry, personal purity, honesty, thrift and thoroughness.

These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

Situated in the heart of the rich agricultural and industrial area of southeastern Pennsylvania, Elizabethtown College occupies about 65 acres in the southeastern section of Elizabethtown in Lancaster County.

The borough of Elizabethtown is equadistant (about 18 miles) from three county seats: Lancaster, Lebanon, and Harrisburg. It is about 22 miles from York. Elizabethtown has a population of 7000. It is accessible by rail on the main line of the Pennsylvania Railroad, by automobile on Route 230, and by air via the Harrisburg Airport.

While enjoying the advantages of a small rural community, Elizabethtown is not too far removed from major metropolitan areas. It is 90 miles west of Philadelphia, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college is an integral part of the Elizabethtown community. Members of the faculty and staff are leaders in the various civic and social activities of the borough. College-sponsored lyceum programs and the facilities of the college library are available to the public.

Students and faculty members are invited to attend any of the ten churches in the community. Faiths represented include Church of the Brethren, Brethren in Christ, Roman Catholic, Church of God, Lutheran, Mennonite, Evangelical and Reformed, Mt. Calvary Independent, Evangelical United Brethren, and United Zion. Churches of other denominational groups are near.

The Board of Trustees

OFFICERS			
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1958S. Clyde WeaverEast Petersburg, Pa.1958Howard A. MerkeyManheim, Pa.1958Carl W. Zeigler, A.B., A.M., B.D., D.D.Lebanon, Pa.1959F. S. Carper, D.D.Palmyra, Pa.1959Jospeh W. Kettering, B.S., C.P.A.Elizabethtown, Pa.1960Norman K. MusserColumbia, Pa.1960John G. Hershey, A.B., B.D., A.M.Lititz, Pa.			
Southern Pennsylvania			
1958 Cyrus G. Bucher, B.S. Biglerville, Pa. 1959 N. S. Sellers Lineboro, Md. 1959 Jacob L. Miller York, Pa. 1960 Chester H. Royer, A.B., A.M. York, Pa.			
Nominated by the Alumni Association			
1958Galen C. Kilhefner, B.S., Ed.M., Ed.D.Elizabethtown, Pa.1959I. Wayne Keller, B.S., D.S.C.Lancaster, Pa.1960Ethel M. B. Wenger, A.B., A.M.Carlisle, Pa.			
Nominated by the Board of Trustees			
1958 Paul M. Grubb			
COMMITTEES OF THE BOARD OF TRUSTEES			
JOSEPH W. KETTERING S. S. WENGER S. S. WENGER S. S. WENGER Executive NOAH S. SELLERS H. E. RAFFENSPERGER Finance			
NORMAN K. MUSSER F. S. CARPER HOWARD A. MERKEY JOHN F. SPRENKEL CYRUS G. BUCHER			
PAUL M. GRUBB CARL W. ZEIGLER S. CLYDE WEAVER ELI H. STOLTZFUS GALEN C. KILHEFNER Nominating			
JOSEPH W. KETTERING JACOB L. MILLER ETHEL M. B. WENGER A. C. BAUGHER			
The Chairman of the Board and the President of the College are ex-officio members of all committees.			

The Faculty

A. C. BAUGHER, 1917-

President of the College

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

ROY McAULEY, 1956-

Dean of the College

B.S., McPherson College, 1944; B.D., Bethany Biblical Seminary, 1946; M.A., University of Omaha, 1949; Ed.D., University of Denver, 1955.

Emeriti

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

L. D. ROSE

Emeritus Professor German and Librarian

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate Student, University of Pennsylvania.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

Professors

CHARLES S. APGAR, 1945-

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

JAMES M. BERKEBILE, 1957—

Professor of Chemistry

A.B., Manchester College, 1934; A.M., The Ohio State University, 1935; Ph.D., The Ohio State University, 1951.

NEVIN W. FISHER, 1951-

Professor of Music

Graduate, Blue Ridge College, Department of Music-Piano, 1919, Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M. Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

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FREDERICK C. NEUMANN, 1945-

Professor of Language

Ph.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

RALPH WIEST SCHLOSSER, 1911-1929, 1930-

Professor of English

Pd.B., Elizabethtown College, 1911; A.B., Ursinus College, 1911; A.M., Columbia University, 1922; Litt.D., Ursinus College, 1932; Student Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

O. F. STAMBAUGH, 1946-

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., The Pennsylvania State University, 1933; Ph.D., The Pennsylvania State University, 1943.

N. FRANKLIN STUMP, 1955-

Professor of Education

B.S., University of West Virginia 1921; A.M., Yale University, 1923; Ph.D., Cornell University, 1935; Graduate Student, Columbia University, and New York University.

CARLTON O. WITTLINGER, 1957-

Visiting Professor of History

Messiah College; A.B., Taylor University, 1937; M.A., University of Buffalo, 1943; Ph.D., University of Pennsylvania, 1953.

Associate Professors

BESSIE D. APGAR, 1946-

Associate Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvania, 1934.

ROBERT A. BYERLY, 1951—

Associate Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

ALBERT L. GRAY, JR., 1951-

Associate Professor of Business

B.S., Drxel Institute of Technology, 1939; M.B.A., Boston University, 1940; Graduate Student, University of Pennsylvania.

VERA R. HACKMAN, 1944--

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

CARL E. HEILMAN, 1942-

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University, Temple University.

ELMER B. HOOVER, 1947-

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College, 1937; M.Ed., The Pennsylvania State University, 1939; Graduate Student, The Pennsylvania State University.

LOUISE K. KELLY, 1952-54, 1957-

Associate Professor of English

A.B., Skidmore College, 1936; M.A., The Pennsylvania State University, 1938; Ph.D., The Pennsylvania State University, 1951.

EPHRAIM GIBBLE MEYER, 1921—

Reference Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, Elizabethtown College, 1921; A.B., Elizabethtown College, 1924; Student American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Diploma, Teacher of Public School Music, Columbia University, 1930; Graduate Student, Columbia University.

WILHELM REUNING, 1951-

Associate Professor of History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Ph.D., University of Pennsylvania, 1956.

Assistant Professors

EDGAR T. BITTING, 1952—

Assistant Professor of Business

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

ELINOR EASTLACK, 1952—

Assistant Professor of Business Education

B.S., The Pennsylvania State University, 1945; M.Ed., The Pennsylvania State University, 1949.

CLARENCE G. ENTERLINE, 1956-

Assistant Professor of Business and Alumni Secretary

B.S., Albright College, 1933; Elizabethtown College; Muhlenberg College; Wharton School of Commerce; M.S., University of Pennsylvania, 1936; Graduate Student, University of Pennsylvania, University of New Hampshire, University of Maine.

MILDRED H. ENTERLINE, 1956—

Assistant Professor of Speech

A.B., Ursinus College, 1931; M.A., Northwestern University, 1938; Graduate Student, University of Pennsylvania, New York University, University of Maine, University of New Hampshire.

EBY C. ESPENSHADE, 1947—

Director of Admissions

B.S., Elizabethtown College, 1935; M.Ed., The Pennsylvania State University, 1948; Graduate Student, Duke University.

D. PAUL GREENE, 1953-

Dean of Men and Assistant Professor of History

A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

ALICE S. HEILMAN, 1948—

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948; Graduate Student, Temple University.

WARREN W. HOLLAND, 1957—

Assistant Professor of Business

B.S., University of Pennsylvania (Wharton School), 1928; Ed.M., Temple University, 1949.

JOHN K. TRAYER, 1957

Assistant Professor of Sociology

B.S., Franklin and Marshall College, 1922; M.A., Columbia University, M.Ed., Temple University.

WILBUR E. WEAVER, 1943-44, 1954-

Assistant Professor of Business

B.S., Elizabethtown College, 1937; M.Ed., Temple University, 1942.

Instructors

HUBERT M. CUSTER, 1953—

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944; Graduate Student, Franklin and Marshall College.

EMMA R. ENGLE, 1949—

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

EDITH H. FELLENBAUM, 1957—

Instructor in Education

A.B., Gettysburg College, 1921; M.A., Johns Hopkins University, 1957.

RAYMOND C. FRANKE, 1955-

Instructor in English

A.B., University of Wisconsin, 1949; M.A., Johns Hopkins University, 1950.

IRA R. HERR, 1928-29, 1932—

Instructor in Physical Education and Director of Athletics

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

KATHRYN HERR, 1946-

Instructor in French

A.B., Lebanon Valley College, 1925; Graduate Student, French Institute of The Pennsylvania State University and Temple University.

EARL H. KURTZ, 1957-

Treasurer and Instructor in Business

B.S., Elizabethtown College, 1935; Temple University, Wharton School of Business of the University of Pennsylvania; M.A., New York University, 1938.

GERTRUDE ROYER MEYER, 1920-

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

ELINOR B. NEUMANN, 1946-

Instructor in German and English

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

JULIA A. RISSER, 1955-

Instructor in Physical Education

B.S., Lock Haven State Teachers College, 1954; Graduate Student, Northwestern University.

DONALD P. SMITH, 1954—

Instructor in Physical Education

B.S., University of Mississippi, 1950; Graduate Student, University of Mississippi.

ARMON C. SNOWDEN, 1957—

Instructor in Bible and Philosophy

A.B., Elizabethtown College, 1951; B.D., Crozer Theological Seminary, 1954; University of Pennsylvania, Duke University.

BRUCE M. TYNDALL, 1957—

Instructor in Mathematics

B.S., State University of Iowa, 1955; Roosevelt University; M.S., State University of Iowa, 1956.

JAMES L. M. YEINGST, 1957—

Instructor in Journalism and Director of Public Relations A.B., Elizabethtown College, 1957.

Part-time Instructors

HENRY F. GINGRICH, 1951—

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

RICHARD L. HERSHEY, 1957-

Part-time Instructor in Physical Education

B.S., Franklin and Marshall College, 1947; Massachusetts Institute of Technology.

PHARES H. HERTZOG, 1953—

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

RAYMOND C. HIPPLE, 1956-

Part-time Instructor in Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

NOAH M. KLAUSS, 1956-

Director of the Band and Orchestra

Elizabethtown College.

RICHARD F. KUNTZ, 1956-

Part-time Instructor in Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

CHARLES WILSON RECTOR, 1957—

Part-time Instructor in Physics

Ph.B., University of Chicago, 1946; S.B., University of Chicago, 1949; Graduate Student, Massachusetts Institute of Technology, Franklin and and Marshall College.

HELEN J. SHEELY, 1955-

Part-time Instructor in Art

B.A., The Pennsylvania State University, 1944; B.S., Kutztown State Teachers College, 1951.

CHARLES W. WEAVER, 1944-

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

JOANNE W. WOOD, 1957-

Part-time Instructor in Biology

B.S., The Pennsylvania State University, 1953; Graduate Student, The Pennsylvania State University.

J. ATLEE YOUNG, 1957-

Part-time Instructor in Organ

Columbia College, Peabody Conservatory, Northwestern University, Christiansen Choral School.

Officers of Administration

A. C. Baugher, A.B., B.S., M.S., Ph.D., LL.D., President of the College

Roy McAuley, B.S., B.D., M.A., Ed.D Dean of the College
EARL H. KURTZ, B.S., M.A
WILBUR E. WEAVER, B.S., M.Ed Assistant to the Treasurer
EBY C. ESPENSIHADE, B.S., M.Ed Director of Admissions
VERA R. HACKMAN, A.B., A.M
D. Paul Greene, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M.
ALICE S. HEILMAN, B.S., B.L.S
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
IRA R. HERR, A.B
NEVIN H. ZUCK, A.B., B.D., S.T.M., D.D College Pastor
CLARENCE G. ENTERLINE, B.S., M.S Alumni Secretary
JAMES L. M. YEINGST, A.B Director of Public Relations
Betty J. Holsinger, B.S
L. D. Rose, A.B., A.M Director, Brethren Historical Library
ROBERT S. YOUNG
GRACE N. ALLAN
JESSIE K. COSNER
Mary Cox
Doris O. Lewis Secretary to the President
J. Robert Hollinger
Martha A. Farver Secretary to the Treasurer
RUTH B. MUMAW Secretary, Admissions Office
GLADYS M. HIXSON
RUTH M. HOLLINGER
Esther W. Rohrer
VIRGINIA ENCK Secretary to the Registrar
RUTH OBER MILLER
E. Lois Garber
Gretchen Carskadon Secretary, Alumni Office
Janice Forry Secretary, Public Relations Office
Martha Dummire, R.N
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Faculty Committees

- Administration—A. C. Baugher, Roy McAuley, Earl H. Kurtz, Wilbur E. Weaver
- Admissions—Eby C. Espenshade, Dean of Instruction, Registrar, Dean of Women, and Dean of Men
- Counseling and Testing—Roy McAuley, N. Franklin Stump, Dean of Women, and Dean of Men
- Instruction—Roy McAuley, Emma R. Engle, O. F. Stambaugh, Albert L. Gray, Jr., Elmer B. Hoover, Louise K. Kelly
- Student Housing—Earl H. Kurtz, Dean of Men, Dean of Women, Grace N. Allan, Jessie K. Cosner
- Food Service—Earl H. Kurtz, Dietitian, Director of Dining Room, Vera R. Hackman
- Religious Activities—Robert A. Byerly, Nevin W. Fisher, James M. Berkebile, Armon C. Snowden, A. C. Baugher, Nevin H. Zuck
- Social Activities—Vera R. Hackman, D. Paul Greene, Grace N. Allan, Nevin W. Fisher, Edgar T. Bitting, Elinor Eastlack, Mildred H. Enterline, Edith Fellenbaum
- Placement—Clarence G. Enterline, Charles S. Apgar, Elmer B. Hoover, Albert L. Gray, Jr.
- Publications—Administrative Committee, Director of Admissions, Alumni Secretary, Registrar, Director of Public Relations
- Lyceum Programs—Carl E. Heilman, Earl H. Kurtz, Nevin W. Fisher, Robert C. Landis (from the Patton School), and two students, one each selected by and from the Junior and Senior Classes
- Library—Alice S. Heilman, E. G. Meyer, Wilhelm Reuning, Hubert M. Custer, Warren W. Holland
- Athletics—Wilbur E. Weaver, Ira R. Herr, Eby C. Espenshade, and the coaches of the several sports
- Health—D. Paul Greene, Donald P. Smith, Julia A. Risser, Charles E. Weaver, Vera R. Hackman, the College Nurse
- Special Events—Wilbur E. Weaver, Nevin W. Fisher, D. Paul Greene, Eby C. Espenshade, Vera R. Hackman, Mildred H. Enterline, Julia A. Risser, Ira R. Herr, the President of the Senior Class, and a member appointed by the Student Senate
- Academic Occasions—Albert L. Gray, Jr., Roy McAuley, Nevin W. Fisher, Eby C. Espenshade, Emma R. Engle, Wilbur E. Weaver, Mildred H. Enterline

Academic Regulations

Admission Requirements

The Committee on Admissions attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all applicants, the following principles are used by the committee in passing on applications for admission:

- 1. Graduation from a senior high school accredited by the Middle States Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- Completion of a minimum of fifteen units of secondary school work.

The requirements for admission to the freshman class are:

English 3 units	Science	unit
History and Social Studies		
2 units	Mathematics2	units
Language 2 units	Others5	units

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

- 4. An interview is recommended either on the campus, or with a representative of the College away from Elizabethtown.
- 5. It is strongly recommended that all applicants for admission to the freshman class take the Scholastic Aptitude Test given by the College Entrance Examination Board. In certain cases applicants may petition the Director of Admissions to substitute the Elizabethtown College Equivalent Examination, given on the campus, for the test described above.

The Scholastic Aptitude Test will be given in the morning on each of the following dates:

	SaturdayMarch 15, 1958
	Saturday
	WednesdayAugust 13, 1958
	Saturday December 6, 1958
	Saturday January 10, 1959
C-	SaturdayFebruary 14, 1959
Éci	Saturday

The application blank for the test and a Bulletin of Information may be obtained by writing to The College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey.

6. All students are required to submit a report of good health by the family physician, on a form provided by the College. Chest X-rays are required at two year intervals.

A person seeking admission should write to the Director of Admissions for an application blank.

Elizabethtown College is approved for the training of veterans under the G.I. Bill of Rights.

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. These examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. A student must earn an acceptable grade in order to secure credit.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal.

The maximum number of credits accepted from another college will not exceed the fraction of the number required for graduation represented by the fraction of four years spent there. The maximum number of credits is not granted automatically.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts

Bachelor of Science in:

(a) Science

- (e) Secondary Education
- (b) Medical Technology
- (f) Business Education

(c) Nursing

- (g) Business Administration
- (d) Elementary Education

If a student wishes to emphasize two subjects equally, he shall, for the purposes of administration, declare one of them his major

subject. If there is but one related subject, it shall be represented by a minimum of twelve hours; if more than one, the minimum shall ordinarily be six. The maximum number of related subjects, in addition to the major, shall be three.

Majors for A.B. in Liberal Arts

English—Thirty-two hours exclusive of English Composition and including Survey of English Literature, American Literature and Shakespeare.

History and Political Science—Twenty-eight to thirty-two hours exclusive of History of Civilization.

French-Eighteen hours.

Spanish-Eighteen hours.

German—Eighteen hours.

Bible and Philosophy—Three hours of Philosophy, three hours of Ethics, and eighteen hours of Bible exclusive of Bi10ab or 20ab.

Mathematics—Twenty-four hours.

Sociology-Eighteen hours.

Social Studies—History and at least one course in Economics, Sociology and Political Science—forty-two hours.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Twenty-four hours.

Chemistry Major—(see curriculum).

Majors for B.S. in Business

Accounting (see curriculum).

Business Administration (see curriculum).

Business Education (see curriculum).

Majors for B.S. in Education

Elementary Education (see curriculum).

Secondary Education (see curriculum).

Business Education (see curriculum).

For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of twenty-four semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This ensures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Academic Requirements

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class (This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F); I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit is desired.

When quality point deficiencies occur, the dean will call the student for a conference.

A student who, at the close of any semester, fails to attain a cumulative quality point-credit ratio according to the following graduated scale is placed on academic probation: throughout the freshman year, 1.70; by the beginning of the sophomore year, 1.80; by the beginning of the junior year, 1.90; and by the beginning of the senior year, 2.00. A student on academic probation may be requested to withdraw from college anytime the Committees on Counseling and Admissions so decide after a consideration of the student's over-all situation,

A student who, at the close of any semester, has a quality point-credit ratio below 2.00 shall not be permitted to carry more than 15 semester hours, and below 3.00, more than 18 semester hours of college work. No student shall be permitted to carry more than 20 semester hours of college work in any one semester.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 60 quality points.

Junior standing requires 60 semester hours and 120 quality points.

Senior standing requires 90 semester hours and 180 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 2.00. Students transferring from other colleges must have a ratio of at least 2.00 in courses pursued at Elizabethtown College. Quality points are determined as follows:

Grade	9	Quality Points per S. H
A		4
В		3
D		1
F		0

Before graduation all students are required to pass a competency examination in English. The examination is given at the beginning of the Junior year. Students who fail to meet minimum standards are required to take a non-credit remedial course before being re-examined.

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated four years prior to his graduation.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education in which 136 semester hours are required.

Courses in Bible are required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 3.50 to 3.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 3.75 to 3.89, with the distinction of "magna cum laude;" and above 3.90, with the distinction of "summa cum laude."

To be eligible for honors, a transfer student must have a quality point-credit ratio on his total record and on his record at Elizabethtown College of not less than 3.50 and must have earned not less than 60 semester hours credit at Elizabethtown College. However, in determining the honor, only grades earned at Elizabethtown College will be used.

A dean's honor list is published each quarter for regular students. A student whose quality point-credit ratio is 3.50 or above during any quarter is eligible for Dean's List honors.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts are to be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor, the student will automatically receive a grade no higher than "D"

for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in any course will be reported to the Committee on Instruction.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only by a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

For examinations given other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty with emphasis upon cultural values. Consequently, there are included a number of courses whose value is not to be measured by mere financial returns.

The curriculum is also planned so as to be a prerequisite for any of the learned professions or for later specialization in graduate study. The course aims at training for prospective librarians, journalists, lawyers, social workers, ministers, and teachers.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and Literature	8-12 S. H. 4- 6 S. H.
At least two of the following:	
History of Philosophy Ethics History Psychology	3 S. H. 3 S. H. 4- 6 S. H. 2- 3 S. H.
At least one of the following:	
Latin French German Spanish	12-16 S. H.
Natural Sciences—Physical or Biological Social Sciences	4- 6 S. H. 4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. The student may well select as his field of concentration the history and English major. This will make possible the election of courses in economics, business law, accounting, sociology, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

-	_		
	Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
En10ab Hi10ab Ps10ab	English Composition History of Civilization General Psychology Language Mathematics	3 2 2 3 3 3	3 2 2 3 3 2
Bil0ab or 20ab PE10ab	Bible	1	1
Total		16	16
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World Literature	3	3
	Language	3 3 4	3 3 4
PE20ab	Physical Education	1	1
Total		17	17
	Junior Year		
Hi30ab	Literature	2	2
En38a	sylvania Speech Bible	3 2	3 2
	Electives including requirements for major	9	9
Total		16	16
	Senior Year		
Ph41a Ph41b PS41b	Introduction to Philosophy	3	3 3
	major	12	9
Total		15	15

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods of Secondary Education (5), Visual Education (1), Practice Teaching (6).

Bachelor of Science

Bachelor of Science in Science

This course which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, engineering, and pharmacy. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.
Subjects strongly urged:	
A modern foreign language	6-12 S. H.

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3- 6 S. H.
Adv math including algebra and trigonometry	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of course will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-veterinary Medicine

In the light of advancing standards of professional education and the increased recognition of the importance of the relationship of veterinary medicine and our world food supply, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

The developments in medical science and the underlying sciences in biology and chemistry have brought into being, within recent years, a new vocation, attractive to young women who are interested in preparing themselves to wage war against disease but who are not in a position to undertake the prolonged period of educational training required for the profession of medicine.

This vocation is called "Medical Technology." The American Society of Clinical Pathologists has adopted the term "Medical Technologists" for workers in this field.

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes three years of curriculum outline for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists.

The curriculum preparing students for medical technology in cooperation with accredited hospitals has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Nursing

In order to help meet the need for professional nurses trained beyond the minimum requirements, Elizabethtown College offers the degree, Bachelor of Science in Nursing. Students in this program will complete two years of work at Elizabethtown College. Upon the completion of a three-year nursing course in an accredited school of nursing and the passing of a state board examination for the R.N. degree, students may apply for the B.S. degree as indicated. Although individuals contemplating this five-year program are encouraged to complete their college work before entering a school of nursing, graduate nurses will receive full consideration for admission to college upon satisfying admission requirements.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five-year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than The Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

In view of the growing demand for professionally trained men in forestry and of the expanding opportunity in this field, Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program in residence at Elizabethtown College pursuing courses toward meeting minimum requirements for a bachelor's degree will be followed by a summer-and-two-year's course in the School of Forestry, Duke University.

The curriculum is prescribed to meet the requirements for the pre-forestry phase of the five-year program.

Requirements for the B.S. Degree in Science

	Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
En10ab Hi10ab	English Composition	3 2	3 2
Ch10a-b	Language	3 4 3 2	3 4 3 2
Ps10ab PE10ab	General Psychology	2 1	2 1
Total		18	18
	Sophomore Year		
En20ab or 45ab PE20ab	Survey of English Literature or World Literature Mathematics Economics or Sociology Language Science Physical Education	3 3 3 4	3 3 3 4
Total	••••••	17	17
	Junior Year		
En38a	History or Political Science*	3 2 2	3
Bil0ab or 20ab	Speech Bible Electives including requirements for	2	2
	major	8	10
Total		15	15
	Senior Year		
Ph41a Ph41b	Introduction to Philosophy Ethics History or Political Science*	3	3
	Bible Electives including requirements for	2	3
	major	9	8
Total		14	14

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods in Secondary Education (5), Visual Education (1), Practice Teaching (6).

^{*} Every student is required to complete at least 3 semester hours in American History or Government. Teachers are required to take Hi30ab History of the United States and Pennsylvania.

Requirements for the B.S. Degree in Science Major in Chemistry

	Freshman Year	Semeste 1st Sem.	r hour. 2d Sem.
En10ab Ch10a-b Ge10a-b or 20ab Malla, 12b PE10ab	English Composition General Inorganic Chemistry First or Second Year German College Algebra and Trigonometry Physical Education Electives	3 4 3 3 1 4	3 4 3 3 1 4
Total		18	18
Ch20a Ch25b	Sophomore Year Qualitative Analysis Õuantitative Analysis	5	5
Ge20ab or 30ab Ma20a, 21b	Second or Third Year German Analytic Geometry and Differential	3	3
Phy20a-b PE20ab	Calculus General Physics Physical Education Electives	3 4 1 2	3 4 1 2
Total		18	18
	Junior Year		
Ch30a-b Ch41a Ma30a	Organic Chemistry Advanced Quantitative Analysis Integral Calculus Advanced Physics Electives	4 4 3 4 2	4 9
Total			17
Ch44a-b Ch45a Ch46b	Physical Chemistry	4 4	4
	Electives	9	9
Electives: Group I (These English Liter Bible History (incl	e electives are required.) ature or World Literature uding Hi30a or b or PS41b se electives must total ten semester hours.	4 S 6 S	17 . H. . H. . H.
Philosophy Sociology Economics Ethics			
Total .		. 10	

Other electives may be selected with approval of the adviser. Students whose interest lies in the field of Biology may substitute courses in Advanced Biology for Advanced Physics.

Requirements for the Degree of B.S. in Engineering and A.B. in Liberal Arts

	Freshman Year	Semester 1st Sem.	r hours 2d Sem.
En10ab Hi10ab Ch10a-b Phy17a-b Ma14ab PE10ab	English Composition History of Civilization General Inorganic Chemistry Drawing and Descriptive Geometry Mathematical Analysis Physical Education	3 2 4 2 5 1	3 2 4 2 5 1
Total		17	17
	Sophomore Year		
Phy21a Ma21b BA21a Ps10ab Phy22b Ma30a PE20b	Mechanics Differential Calculus Introduction to Economics General Psychology Language Literature Heat and Sound Integral Calculus Physical Education Electives	4 3 3 2 3 3 3	2 3 3 4 3 1 2
Total		18	18
	Junior Year		
En38a Ma31b Phy30a Phy40a PE20a Ma32a Phy31b Phy41b	Speech Intermediate Calculus Electricity and Magnetism Statics Language Bible* Physical Education Differential Equations Optics Dynamics History*	2 3 4 3 3 2 1	3 2 3 4 3 3
Total		18	18

^{*} To be selected in agreement with the adviser.

The fourth and fifth years must be satisfactorily completed in the field of engineering at Pennsylvania State University. Upon successfully completing the five-year program, the student will be eligible to receive an A.B. Degree from Elizabethtown College and a B.S. Degree from Pennsylvania State University.

Freshman Engineering students must provide themselves with an acceptable slide rule and a drawing kit. These items are available in the college bookstore.

Requirements for the Degree of B.S. in Science Major in Forestry

	Freshman Year	Semester 1st Sem.	hour. 2 d Sem.
En10ab Ps10ab Ch10a-b Bi10ab or 20ab PE10ab	English Composition General Psychology General Inorganic Chemistry Bible Physical Education Mathematics	3 2 4 2 1 3	3 2 4 2 1 3
Total		17	17
	Sophomore Year		
En20ab or 45ab Bio10a-b BA20a and 21b	Survey of English Literature or World Literature General Biology Language Introduction to Economics and Advanced	3 4 3	3 4 3
PE20ab	Economics** History * Physical Education	3 3 1	3 3 1
Total		17	17
	Junior Year		
Phy20a-b PS41b So10a Ph41a Bio23b Ph41b	General Physics Language American Government Introduction to Sociology Introduction to Philosophy Electives Plant Biology Ethics	4 3 3 5	4 3 3
Total		18	17

^{*} To be selected in agreement with the advisor.

Summer following Junior, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. Degree in Science in the field of Forestry.

^{**} Both are recommended. BA20a is required.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

Requirements for the Degree of B.S. in Medical Technology

	Freshman Year	Semester 1st Sem.	2d Sem.
En10ab Bio10a-b Ch10a-b Ps10ab PE10ab Ma11a Ma12b	English Composition General Biology General Inorganic Chemistry General Psychology Physical Education College Algebra Trigonometry	3 4 4 2 1 3	3 4 4 2 1
Total			17
	Sophomore Year		
En20ab or 45ab Hi10ab PE20ab Bi10ab or 20ab Ch20a Bi043a Ch25b Bi041b	Survey of English Literature or World Literature History of Civilization Physical Education Bible Qualitative Analysis Histological Technique Quantitative Analysis Microbiology	3 2 1 2 5 4	3 2 1 2 5 4
Total		17	17
	Junior Year		
Phy20a-b Ch30a-b	General Physics	4 4	4 4
Ph41a Ph41b	cluding Hi30a or b or PS41b) Introduction to Philosophy Ethics	3 3 3	6 3
Total	Electives	17	17

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the Registry Examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

Requirements for the Degree of B.S. in Nursing

	Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
En10ab Ch15a-b	English Composition	3	3 4
Bio10a-b Hi10ab	General Biology	4 2	4 4 2 2
Ps10ab So10a	General Psychology Introduction to Sociology	4 4 2 2 3	2
So21b	Social Problems		3
Total		18	18
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World Literature	3	3
Bil0ab or 20ab Mal0 or 11a	Bible	3 2 3	3 2
PE10ab	Physical Education	1	1
	cluding 30a or b or PS41b)	3 3 3	6
BA21a	Introduction to Economics	3	
Ph41b	Ethics Electives		3 3
Total		18	18

Upon the satisfactory completion of the two-year college course and the three-year nursing course at an approved nurses' training school, and the passing of a state board examination for the R.N. degree the student will be eligible for the degree of Bachelor of Science in Nursing from Elizabethtown College.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

> Business Education Elementary Education Secondary Education Special Education

Provisional College Certificate

The applicant for this certificate must be a graduate of an approved college or university and must have successfully completed at least 18 semester hours in education distributed as follows:

Introduction to Teaching	3 S. H.
Educational Psychology (General Psychology is a prerequisite)	3 S. H.
Electives in Education selected from the following list	6 S. H.

urements

Secondary Education	Educational Measureme
Elementary Education	Educational Sociology
Special Methods	History of Education
Visual Education	Principles of Education

Practice Teaching in the appropriate field 6 S. H.

In an approved teacher education curriculum, the teaching course is considered an essential requirement. Student teaching is understood to be acceptable as discharging, to the extent of at least 6 semester hours, the graduation requirements of the approved curriculum. The minimum requirement of the certification regulations for the provisional college certificate is 6 semester hours of student teaching.

The minimum requirement of 6 semester hours of student teaching is based upon not less than 180 clock hours of actual teaching under approved supervision in a laboratory or co-operative school, including the necessary observation, participation, and conference.

In consultation with his adviser or the Dean the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Special Education

Students may be certified for teaching the mentally and physically handicapped by receiving regular certification and including the following courses:

Psychology of Exceptional Children Child Psychology Mental Hygiene Arts and Crafts for Special Classes Special Class Methods Student Teaching in Special Education (1 hr.)

Requirements for the Degree of B.S. in Education in Secondary Education

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
En10ab Hi10ab Ps10ab PE10ab Ed10b	English Composition History of Civilization General Psychology Physical Education Introduction to Education Science*	3 2 2 1	3 2 2 1 3 4
	Mathematics or Language Electives	2 or 3	3
Total	•••••	17 or 18	18
	Sophomore Year		
En20ab PE20ab So10a	Survey of English Literature Physical Education Introduction to Sociology	3 1 3	3 1
Bil0ab or 20ab (Elect from fi	Bibleeld of interest for total of 16 to 18 s.h.)	2	2
BA21a	European History (for certification in Social Studies or History) Introduction to Economics (for certification in Social Studies	3	3
	Mathematics (for certification in Mathematics) Language (for certification in Lan-	3	3
	guage)	3	3
	ences)	4	4
	Junior Year		
Hi30ab Ed31ab	History of the United States and Pennsylvania	3	3
Ed30a	Education Educational Psychology	3 · 3	3
Ph41a En38a	Introduction to Philosophy Speech Visual Education	2	3
Ed32b (Elect from fie	eld of interest for total of 16 to 18 s.h.)		2
	Mathematics (for certification in Mathematics) Science (for certification in the Sci-	3	3
	ences)	4	4
	guage) English (for certification in English) .	3 3	3 3

^{*} A student who wishes to be certified to teach two languages should begin both in the Freshman year and elect Science in the Sophomore year.

	Senior Year	Semeste 1st Sem.	2d
Ed42a	Professional Practicum and School Law	2	
Ed43a	Practice Teaching	8	
Ed38b	Educational Measurements*	3	
	Bible		2
Ed44b	History of Education*		3
Ph41b	Ethics		3
PS41b	American Government		3

^{*} Either Ed38b or Ed44b is required.

Requirements for the Degree of B.S. in Education in Elementary Education

	, —	Semester	hours
	Freshman Year	1st	2d
		Sem.	Sem.
En10ab	English Composition	3	3
Hi10ab	History of Civilization	2	2
Ps10ab	General Psychology	2	2
Billab or 20ab	Bible	2 2	2
PE10ab	Physical Education	ĩ	2 2 2 1
Mu13a	Music Fundamentals	2	•
Ed23b	Public School Music	_	2
Phy10a	Physical Science	3	_
Ed10b	Introduction to Education	J	3
Ed15b	Teaching of Geography		3
130220		2 or 3	J
		17 or	
Total		18	18
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World		
2/12/04/07 77/40	Literature	3	3
PE20ab	Physical Education	ĭ	ĭ
Bio10a-b	General Biology	4	4
Ed26ab	Teaching of Health and Hygiene	$\dot{2}$	
Ed27ab	Teaching of Public School Art	$\overline{2}$	2 2
202. 40	Bible	2	_
Ed21b	Curriculum in Arithmetic	-	3
Ps22b	Child Psychology		3 3
	Electives	2	•
Total		16	18
	Junior Year		
Hi30ab	History of the United States and Penn-		
	sylvania	3	3
Ed30a	Educational Psychology	3	
Ed38a	Speech	3 3 2 3	
So10a	Introduction to Sociology	3	
Ed35ab	Teaching of Language Arts	3	3
Ed32b	Visual Education		3 2 3 3 3
Ed37b	Curriculum in Science		3
En39b	Children's Literature		3
Ph41a	Introduction to Philosophy		3
Ed38b	Educational Measurements*	3	
m			
Total		17	17
	Senior Year		
Ed41a	Principles of Elementary Education	2 2	
Ed42a	Professional Practicum and School Law	2	
Ed43a	Practice Teaching	8	
Ed44b	History of Education*		3
Ph41b	Ethics		3 3 3 8
PS41b	American Government		3
	Electives	3	8
m . •			177
Total		15	17
* Either Ed38h or	44h is required		

[•] Either Ed38b or 44b is required.

Department of Business

The Department of Business offers the following fields:

Business Administration

Business Administration-Accounting Major

Business Education—Teaching

Secretarial Science

Two-year certificate course in secretarial science

Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business admistration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

	Freshman Year	Semester 1st Sem.	r hours 2d Sem.
En10ab Bi10ab or 20ab Ac11ab Hi10ab Ps10ab PE10ab Ma10a or 11a BA11b	English Composition Bible Principles of Accounting History of Civilization General Psychology Physical Education Basic Mathematics or College Algebra Mathematics of Business	3 2 3 2 2 2 1 3	3 2 3 2 2 1
Total		16	16
	Sophomore Year		
En20ab or 45ab PE20ab BA20a BA21b So10a	Survey of English Literature or World Literature Science Physical Education Introduction to Economics Advanced Economics Accounting Introduction to Sociology Electives	3 4 1 3 3	3 4 1 3 3
Total		17	17
	Junior Year		
BA34ab BA36a BA36b	Business Law Introduction to Statistics Advanced Business Statistics History Bible Electives	3 3 6	3 3 2 6
Total		15	17
	Scnior Year		
BA46ab BA47a BA48b PS41b Ph41b	Human and Economic Geography Personnel Administration Industrial and Labor Relations American Government Ethics Electives	3 3 3	3 3 3 6
Total		15	15

Requirements for the Degree of B.S. in Business Administration

Major in Accounting

	Freshman Year	Semeste 1st	2d
En10ab Bi10ab or 20ab Ac11ab Hi10ab Ps10ab PE10ab Ma10a or 11a BA11b	English Composition Bible Principles of Accounting History of Civilization General Psychology Physical Education Basic Mathematics or College Algebra Mathematics of Business	Sem. 3 2 3 2 2 1 3	Sem. 3 2 3 2 1
Total		16	16
	Sophomore Year		
En20ab or 45ab Ac21ab BA20a BA21b So10a PE20ab	Survey of English Literature or World Literature Cost Accounting Introduction to Economics Advanced Economics Science Introduction to Sociology Bible Physical Education	3 3 3 4 3	3 3 4 2 1
Total		17	16
	Junior Year		
BA30a BA31b BA34ab BA36a BA36b Ac31a Ac31b BA35ab	Money and Banking Corporation Finance Business Law Introduction to Statistics Advanced Business Statistics History Intermediate Accounting Advanced Accounting Advanced Business Law	3 3 3 3 1	3 3 3 3
Total		16	16
	Senior Year		
BA47a BA48b PS41a Ph41b Ac41ab Ac42a Ac42b BA41b	Personnel Administration Industrial and Labor Relations American Government Ethics Auditing Tax Accounting CPA Problems Statement Analysis Electives	3 3 3 3	3 3 3 2 2
Total	•••••	15	16

Business Education-Teaching

There is a constantly increasing demand for well-trained, competent business teachers to fill positions in public secondary and in private schools in Pennsylvania as well as in neighboring states.

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teacher training, offers a curriculum to meet new educational demands in this field. Recognizable trends point to a future in which technical training combined with cultural education will fit young men and women for their places in the teaching world.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3	S.	H.
Education Psychology	3	S.	H.
Professional Methods	6	S.	H.
Practice Teaching in Business Education	6	S.	H.
History of the U.S. & Pennsylvania	3	S.	H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S. H.
Commerical Law	6 S. H.
Commerical Arithmetic	3 S. H.
Office Practice	
Salesmanship	3 S. H.
Shorthand	
Typewriting	
Junior Business Training	3 S. H.
Economics	6 S. H.
Retail Selling	12 S. H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

•	8		
	Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
En10ab Bi10 or 20ab Ps10ab PE10ab Ac11ab Ma10a or 11a	English Composition Bible General Psychology Physical Education Principles of Accounting Science Basic Mathematics or College Algebra	3 2 2 1 3 4 3	3 2 2 1 3 4
BA11b	Mathematics of Business		3
Total		18	18
,	Sophomore Year		
En20ab or 45ab Ac31a Ac25b SS10ab SS12ab BA20a BA21b Ed10b	Survey of English Literature or World Literature Intermediate Accounting Personal Income Tax Accounting Elementary Gregg Shorthand* Elementary Typewriting* Introduction to Economics Advanced Economics Introduction to Education	3 3 2 3	3 3 2 3 3
Laiou	Bible	2	3
PE20ab	Physical Education	1	1
Total		17	18
	Junior Year		
Hi30ab BA34ab \$S23ab \$S22a \$S27b \$S25a \$S26b Ed30a Ph41a	History of the United States and Pennsylvania Business Law Advanced Gregg Shorthand Advanced Typewriting Business Corresondence Office Machine Practice Secretarial Office Practice Educational Psychology Electives Introduction to Philosophy	3 3 3 2 2 2 3 2	3 3 3 2
Total	•••••••••••••••••••••••••••••••••••••••	18	17
	Senior Year		
Ed43a Ed42a Ed34a Ph41b Ed32b PS41b	Practice Teaching Professional Practicum and School Law Methods of Business Education Ethics Visual Education American Government Electives	8 2 3	3 2 3 6
Total		16	14

^{*} Students who have had shorthand and typewriting hefore coming to college, and who pass an examination for advanced standing, may elect other subjects.

Secretarial Science

A college trained secretary who has acquired a business and technical training along with some liberal arts courses, and who has a vital, gripping interest in what is happening in the complex Business world, has an unexcelled opportunity to become a trusted confidenial associate in business. The demand for such qualified secretaries is constantly increasing.

The basic purpose of the curriculum in secretarial science at Elizabethtown College is to provide the student with cultural as well as technical courses. The two-year programs lead to certificates in Secretarial Science and in Medical Secretarial Science. Students who have had shorthand and typewriting before entering college and who pass an examination for advanced standing may

elect other subjects.

At the end of the two-year program in Secretarial Science or two-year program in Medical Secretarial Science, a student desiring to complete a four-year degree curriculum can do so without loss of credits already earned. In two additional years the student can earn the degree of Bachelor of Science in Business Education and be qualified to teach in the secondary schools of the state.

Requirements for the Two-Year Course in Secretarial Science

	Freshman Year	Semester 1st Sem.	2d Sem.
En10ab SS10ab	English Composition	3	3
SS12ab	Elementary Gregg Shorthand* Elementary Typewriting*	2	2
Ac10ab	Accounting for Secretaries	3	3
Ps10ab	General Psychology	3 2 3 2 2 2	3 2 3 2 2
Bi10ab or 20ab PE10ab	Bible	2	2
PE1000	Physical Education	<u> </u>	
Total		16	16
	Sophomore Year		
En20ab or 45ab SS23ab SS22a SS27b	Survey of English Literature or World Literature Advanced Gregg Shorthand Advanced Typewriting Business Correspondence	3 3 2	3 3 3
SS26b SS25a BA21a Ma10a or 11a BA11b	Secretarial Office Practice Office Machine Practice Introduction to Economics Basic Mathematics or Algebra Mathematics of Business Electives	2 3 3	3 3
Total		16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

En10ab SS10ab SS12ab Ch15a-b Bio10a-b SS15ab	Freshman Year English Composition Elementary Gregg Shorthand* Typewriting* Elementary College Chemistry General Biology Medical Secretarial Techniques	Semeste 1st Sem. 3 2 2 4 4 4 2	2d Sem. 3 3 2 4 4 2
Total	•••••••••••••••••••••••••••••••••••••••	18	18
	Sophomore Year		
SS26b SS25a Bi10ab or 20ab SS22a SS23ab	Secretarial Office Practice Office Machine Practice Bible Advanced Typewriting Advanced Gregg Shorthand	2 2 2 3	2 2
SS27b Ps10ab Ac10ab SS28a	Business Correspondence General Psychology Accounting for Secretaries Office Nursing and Laboratory Tech-	2 3 3	3 2 3
PE10ab SS24b	niques Physical Education Medical Shorthand	1	1 2
Total		18	15

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	
Educational Psychology	3
Religious Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts two five-week summer sessions.

Summer sessions are organized for students who for urgent reasons wish to devote their summers to study. In each term a student may enroll for two three-semester-hour courses. It is possible for a student to earn twelve semester hours of credit toward a degree by attending both sessions. In three full summers a student may complete the equivalent of a year's work.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such parttime campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Harrisburg Area College Center

In cooperation with the Pennsylvania State University, Temple University, and Lebanon Valley College, Elizabethtown College offers college level courses in Harrisburg through the Harrisburg Area College Center. Late afternoon and evening sessions are available at the William Penn Senior High School, Third and Division Streets. Students interested in course offerings should contact the Harrisburg Area College Center office, 22 South Third Street, Harrisburg, Pennsylvania, telephone CEdar 2-8083.

Courses of Instruction

In the designation of courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that the first semester of a course is prerequisite to the second semester.

Bible and Philosophy

Assistant Professor Byerly, Mr. Snowden, and Miss Martin

A. Bible

Bi10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

Bi20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

Bi22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

Bi23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

Bi25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered.

Two hours per week 2 credits

Bi30a The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life.

Two hours per week 2 credits

Bi31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

Bi34a Comparative Religions—This course is an introductory study of the major religions of the world. Specific attention is given to the origin, characteristics, and contributions of these religions as studied against our background of Christianity.

Three hours per week

3 credits

Prerequisite: 6 semester hours in Bible

Offered 1958-1959

Bi40a The Christian Faith—This is an introduction to the basic Biblical doctrines of the Christian religion. The central doctrines of the Bible are studied; such as God, man, sin, Christ and the Church.

Three hours per week

3 credits

Prerequisite: Bi10ab

B. Christian Education

CE10a Principles and Administration of Christian Education—An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Three hours per week

3 credits

CE11b Standards and Methods in Christian Education—
This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service.

Two hours per week 2 credits

CE33b History and Program of the Church of the Brethren—This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course.

Three hours per week

3 credits

C. Philosophy

Ph41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits.

Ph41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week

3 credits

Ph42 Seminar in Philosophy and Religion—An intensive study of a special area of inquiry within the fields of Philosophy and Religion. Extensive reading will be required.

Two hours per week

2 credits

Prerequisite: 10 semester hours in Bible and Philosophy and permission of the instructor

By appointment

Biology

Professor Charles Apgar, Associate Professor Bessie Apgar, Dr. Charles Weaver, and Mrs. Wood

Bio10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and a minimum of two hours laboratory per week Laboratory fee, \$5.00 per semester 8 credits

Medical Secretarial Techniques—(See Secretarial Science 15ab).

Office Nursing and Laboratory Techniques—(See Secretarial Science 28a).

Bio23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$5.00

Prerequisite: Bio10a-b

4 credits

Two hours lecture and a minimum of four hours laboratory per week

Bio30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Bio10a-b, Laboratory fee, \$6.00

Two hours lecture and a minimum of four hours laboratory per week
4 credits

Bio31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$6.00

Prerequisite: Bio10a-b, Ch10a-b, Bio30a

Two hours recitation and a minimum of two hours laboratory per week

3 credits

Bio40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat. Given in alternate years.

Laboratory fee, \$10.00 depending on cost of materials

Prerequisite: Bio10a-b

One hour lecture and a minimum of four hours laboratory per week

Bio41b Microbiology—This course introduces the student to the general principles and techniques of the study of micro-örganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and a minimum of four hours laboratory per week 4 credits

Bio42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and 43a

Two hours recitation and a minimum of four hours laboratory per week

4 credits

Bio43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and a minimum of four hours laboratory per week

4 credits

Bio43b Histology—The study of cells as organized into the tissues and organs of representative vertebrates.

Prerequisite: Bio31a, 40b and 43a

Laboratory fee, \$5.00

One hour lecture and four hours laboratory per week

3 credits

Bio48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Bio49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

Associate Professor Gray, Assistant Professors Bitting, Eastlack, Enterline, Holland, and Weaver, and Mr. Gingrich and Mr. Kurtz

Accounting

Ac10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and book-keeping for service type businesses and professional employers.

Two hours lecture and two hours laboratory per week 6 credits

Ac11ab Principles of Accounting—Includes a thorough study of the principles of debit and credit; analysis and the use of

journals and ledgers; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution; corporation formation records, accounts, stocks and bonds; departmental accountings; and branch accounting. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

6 credits

Ac21ab Cost Accounting-This course is designed to give thorough study to accounting for a manufacturing concern. In the first semester emphasis will be placed upon the elements of cost and their use in job-order and process cost systems. The second semester will be devoted to cost control by management. Various tools used are budgets, standard costs, reports, breakeven analysis. An introduction to direct costing will also be presented. Two practice sets—one on the job-order system and the other on standard costs—will be used.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

6 credits

Ac25a Introduction to Cost Accounting-This course includes a survey of the elements of costs, their application in job order and process cost accounting systems. Adoption of standard costs completes this course. A practice set and problems are used to illustrate the principles.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

3 credits

Ac25b Personal Income Tax Accounting—This survey course covers problems in preparation of individual income tax returns. Encompassed in this course is a study of what constitutes income and expense, and where they are properly reported upon the forms. Tax saving devices as they pertain to individuals concludes this course. Problems will be presented to be worked on the actual tax forms.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

3 credits

Ac31a Intermediate Accounting—A thorough study is made of the use, composition and variations of accounting methods in connection with the following accounts: cash, receivables, inventories, fixed assets and valuation accounts, investments, and liabilities. Consideration of the prevailing accounting theories in determining net income and the use of fund statements completes this course.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week 3 credits

Ac31b Advanced Accounting—A detailed study of accounting for partnerships and corporations is made. Also included are various methods of closing the books, clean surplus theory, comparative statements, analysis of working capital, insurance, installment sales, and an introduction into accounting for consolidations.

Prerequisite: Ac31a

Two hours lecture and two hours laboratory per week

3 credits

Ac41ab Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analysis and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates. An audit case problem will be completed.

Prerequisite: Ac31ab

Two hours lecture and two hours laboratory per week 6 credits

Ac42a Tax Accounting—Advanced students will study the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, and the preparation of returns.

Prerequisite: Ac31ab

Three hours lecture per week

3 credits

Ac42b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Ac31ab

Three hours lecture per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

BA11b Mathematics of Business—The aim of this course is to familiarize the student with the reasons for the different types of mathematical procedures used in business. Advanced aspects of business, as well as the fundamentals, will be covered through the study of such topics as calculation and use of percentages, interest, chain discounts, mark-up, mark-down, annuities, graphic methods, and the like.

Prerequisite: Ma10a or 11a

Three hours per week

3 credits

BA20a Intoduction to Economics—A beginning course in the principles and problems of economics including discussions on

production, monopoly, public finance, national income, money, banking business cycles: macroeconomics.

Three hours per week

3 credits

BA21b Advanced Economics—This is a course in microeconomics with emphasis upon value, price, supply and demand, wages, rent, interest and profits.

Prerequisite BA20a

Three hours per week

3 credits

BA25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

BA 30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

- BA31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization. Three hours per week

 3 credits
- BA32a Office Management—American business practices today reveal the increased importance of effective office management. The course is designed to introduce the student to some of the current practices including layout, work flow, forms control, correspondence, work simplification, equipment and the selection and training of office employees.

Three hours per week

3 credits

BA34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments,

carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

6 credits

BA35ab Advanced Business Law—The emphasis of this course is upon the principles of law as they apply to the field of accounting. Cases will be studied and typical C.P.A. law problems will be reviewed. Students majoring in accounting are urged to take this course in the semesters they are enrolled in BA34ab.

One hour per week

2 credits

BA36a Introduction to Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$2.00

Prerequisite: 1 year of college mathematics

Three hours per week

3 credits

BA36b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$2.00

Prerequisite: BA36a Three hours per week

3 credits

BA39a Industrial Marketing—The marketing of industrial products represents a growing and important aspect of our system of distribution. Students will study some of the problems related to the various channels of distribution, product design, market research, pricing and marketing management.

Prerequisite: BA25b

Three hours lecture per week

3 credits

BA39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

BA41b Statement Analysis—This is an advanced course that unifies some of the work of corporation finance and advanced

accounting with an emphasis upon the practical problems of the analysis of financial statements.

Prerequisite: Ac31ab and BA31b

Two hours per week

2 credits

Economic History of the United States—(See History 31a).

BA42a Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

BA42b Business Research Thesis—This course is offered in order to give seniors an opportunity to engage in independent study and research on a problem or topic in the field of business. Guidance will be given by the student's major professor. Copies of the thesis must also be acceptable for inclusion in the College library.

By appointment

3 credits

BA46ab Human and Economic Geography—The relation of climate and topography to human activities will be studied. Special attention will be given to the food resources of the world including the part they play in the commerce of the world. During the second semester natural resources other than food will be studied, and their location, present utilization and potential importance will be stressed. The development of world trade routes and laws of trade will be discussed.

Three hours per week

6 credits

BA47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievance, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

BA48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

BA49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such problems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: BA21b
Three hours per week

3 eredits

Secretarial Science and Business Education

SS10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

SS12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulations, manuscript set-up, the preparation of business and legal papers, speed and accuracy building will constitute the program.

Fee, \$7.50 per semester Four hours per week

4 credits

SS15ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient, useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical ethics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms.

Two hours per week

4 credits

SS22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$7.50

Three hours per week

2 credits

SS23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional

offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

SS24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

One hour lecture and two hours laboratory

2 credits

SS25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$4.00 per semester

Prerequisite: SS12ab or permission of the instructor

Three hours per week

2 credits

SS26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee, \$2.00 per semester Prerequisite: SS10ab Three hours per week

2 credits

- SS27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made. Three hours per week

 3 credits
- SS28a Office Nursing and Laboratory Technique—This course is designed to acquaint the student with the nursing problems found in a physician's office and with clinical laboratory methods. Instruction is given in medical history taking, preparation for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures. Urinalysis and blood counting are taught as well as the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar.

Fee. \$8.00

Two hours lecture and two hours laboratory per week

Chemistry and Geology

Professors Stambaugh, Baugher, and Berkebile, and Mr. Hertzog

Ch10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students who will continue with further courses in chemistry.

Prerequisite: High School Algebra Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week 8 credits

Ch15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in content. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$8.00 per semester

Three hours lecture and recitation and three hours laboratory per week 8 credits

Ch20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Ch10ab and Ma11a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week 5 credits

Ch25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Ch20a. Laboratory fee, \$10.00

Three hours recitation and six hours laboratory per week 5 credits

Ch30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student.

Prerequisite: Ch10a-b, 20a and 25b. Laboratory fee, \$10.00 per semester

Three hours recitation and three hours laboratory per week 8 credits

Ch41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: ferrous or nonferrous alloys, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Ch25b. Laboratory fee, \$10.00

Two hours lecture and a minimum of eight hours laboratory per week

Offered 1958-1959

Ch44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisite: Ch20a, 25b, 30a-b, Ma21b, 30a. Laboratory fee, \$8.00 per semester

Three hours lecture and a minimum of three hours laboratory per week 8 credits

Offered 1959-1960

Ch45a Qualitative Organic Analysis—A study is made of the properties of functional groups of organic compounds. Application of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$10.00 Prerequisite: Ch30a-b

Two hours recitation and eight hours laboratory per week 4 credits

Ch46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$10.00 Prerequsite: Ch45a

Two hours recitation and conference and ten hours laboratory per week
4 credits

Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$5.00

Three hours lecture and three hours laboratory per week 4 credits

Education

Associate Professor Hoover, Professors Fisher and Stump, Mrs. Fellenbaum, Miss Risser, and Mrs. Sheely

Ed10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

Three hours per week 3 credits

Ed15b Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated. Three hours per week 3 credits

Ed21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

Three hours per week 3 credits

Ed23b Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics.

Prerequisite:Mu13a

Two hours per week

2 credits

Ed25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

Ed26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

Ed27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, \$3.00 per semester Two hours per week

4 credits

Ed30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: Ps10ab Three hours per week

3 credits

Ed31ab Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

Ed32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$4.00

Two hours lecture and one hour laboratory per week

2 credits

Ed33a Special Class Methods—A course organized to meet the methods and needs of teachers of special education. Includes a workshop study of planning and organizing curricular materials of instruction for the primary, the intermediate, and the advanced maturational levels. This is a required course for certification for teaching in special classes.

Three hours per week

Ed34ab Arts and Crafts for Special Classes—Especially organized to meet the needs of teachers of special education. Instruction will be given in the development of the child with crafts from the very simple to more advanced methods in woodwork; plastic; cork; weaving; paper; novelties; leather; use of salvage material; household repairs and clay modeling.

Laboratory fee, variable

Three hours per week

6 credits

Ed34b Methods of Business Education—This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours per week

3 credits

Ed35ab Teaching of Language Arts in the Elementary School—Current methods and materials in teaching reading, spelling, oral and written composition; analyses and corrections of basic difficulties; fusion of language arts with other subjects.

Prerequisite: En20ab Three hours per week

6 credits

Ed36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours per week

3 credits

Ed37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child. This gives the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

Ed38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$2.00

Three hours per week

Ed39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

3 credits

Ed40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

Ed41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Four hours per week for eight weeks

2 credits

Ed42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Four hours per week for eight weeks

2 credits

Ed43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the second eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week. The student is required to achieve an average grade of C in any field in which he wishes to do practice teaching.

Prerequisites: Secondary—Ed31ab and 42a Elementary—Ed35ab and 42a

(The student teacher is required to provide for his own transportation)
Fee, \$40.00

Sixteen hours per week

8 credits

Ed44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of

various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Ed45a Practice Teaching in Special Education—Observation, classroom teaching, and conferences in special education, with supervisors for a period of one semester.

Two hours per week

1 credit

Ed45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

3 credits

Ed46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

Ed47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week

3 credits

Offered 1959-1960

Ed48a Teaching Physical Education in the Elementary School—This course is concerned with the program of physical education activities for the elementary school. It includes a study of small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

Two hours lecture and two hours laboratory per week

3 credits

Open to only Juniors and Seniors

Ed49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week

English

Associate Professor Kelly, Professor Schlosser, Associate Professor Hackman, Assistant Professors Enterline and Heilman, and Mr. Franke, Mrs. Neumann, Miss Engle, and Mr. Yeingst

En10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

En20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

En21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures.

Three hours per week

6 credits

En22ab American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week

4 credits

En23ab Problems in Play Directing—This is a practical course for teachers and directors of drama in elementary and secondary schools, churches, or community theatres. It deals with general and historical techniques in directing together with modern forms of area and space staging.

Two hours per week

4 credits

En30a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Prerequisite: En20ab

. Two hours per week

2 credits

Offered 1959-1960

En31b The English Essay—The study of a comprehensive collection of essays, both British and American, including translation from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Prerequisite: En20ab Two hours per week Offered 1959-1960

2 credits

En32ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Prerequisite: En20ab Two hours per week

4 credits

En33ab The Seventeenth Century—A survey course of the period from Bacon to Dryden, but excluding Milton. Drama, prose, and poetry will be considered, as well as the relation of the literature to current philosophies.

Prerequisite: En20ab Two hours per week Offered 1958-1959

4 credits

En34a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Prerequisite: En20ab
Three hours per week
Offered 1959-1960

3 credits

En35b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Prerequisite: En20ab Three hours per week Offered 1959-1960

3 credits

En36b Creative Writing—This course provides discussion of and practice in the more imaginative forms of composition, including fiction and poetry, with special attention to the interests of individual students.

Three hours per week

3 credits

Offered 1959-1960

En37ab Dramatic Production—This is a course in the art of producing plays. It includes: historical background, directing and staging techniques, the first semester; costuming, lighting, and make-up, the second semester. Collateral readings and laboratory are required.

Two hours per week

4 credits

En38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

En39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of verse, fables, fairy tales, legends and myths as well as modern fiction and non-fiction, and a study of illustrators and the history of writing for children.

Laboratory fee, \$1.00

Three hours per week

3 credits

Open to only Juniors and Seniors

En40a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Prerequisite: En20ab Three hours per week

3 credits

Offered 1958-1959

En41b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Prerequisite: En20ab

Three hours per week Offered 1958-1959

3 credits

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Prerequisite: En20ab

Two hours per week
Offered 1959-1960

4 credits

En43a Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Prerequisite: En20ab Three hours per week Offered 1958-1959

3 credits

En44b Contemporary Novel—This course considers some of the major American, British, and Continental novelists of the present century. Their relation to contemporary thought and to the development of world literature will be stressed.

Prerequisite: En20ab Three hours per week Offered 1958-1959

3 credits

En45ab World Literature-A study of a selected group of writings from Eastern and Western cultures and their relation to our present world.

Three hours per week

6 credits

Foreign Languages

Professor Neumann, Mrs. Neumann, and Mrs. Herr

Esperanto *

Es10a Esperanto-What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and above all, conversation are stressed with the methodical use of records. Correspondence with for-eign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week Offered 1959-1960

3 credits

French

Fr10a-b First Year French-This course is designed for students beginning French in college. Grammar, reading and dictation are stressed.

Three hours per week

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

Fr20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

Fr30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

Fr40ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

German

Ge10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

Ge20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours per week

6 credits

Ge30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied. Three hours per week 6 credits

Ge40ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, Schiller, Grillparzer, and Heine.

Three hours per week

6 credits

Greek

Gr10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

6 credits

Spanish

Sp10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

Sp20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

Sp30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

Sp40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Associate Professor Reuning, Assistant Professor Greene

A. History

Hi10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered only as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

Two hours per week

4 credits

Hi20a History of the Renaissance and Reformation—This course is a survey of the history of Europe from about 1400 to 1648. The general aim is a portrayal of the transition of European society, institutions, and thought from the Middle Ages to Modern Times. The first half of the semester will be devoted to the Renaissance and the second half to the Reformation and the Counter-Reformation.

Three hours per week

3 credits

Hi21b The History of Europe during the 17th and 18th Centuries—The general subject of discussion will be the age of absolutism in Europe from 1648 to the French Revolution and the period of the French Revolution and Napoleon. The political and diplomatic history of the older European powers as well as the entrance of Russia and Prussia into the stream of European history, the intellectual foundations of political and economic liberalism as a background to the 19th century, and the imperial struggles between the European powers will be emphasized.

Three hours per week

3 credits

Hi22a Nineteenth Century Europe—The aim of this course is a portrayal of the history of Europe from the Congress of Vienna to World War I. Particular attention will be paid to the political, social, and economic history of Europe during the 19th century with a general survey of European diplomacy. General topics will be liberalism, nationalism, socialism, and the Industrial Revolution.

Three hours per week

3 credits

Hi23b Europe during the 20th Century—Beginning with a general survey of World War I the topic of discussion will be the characterization of 20th century society. Attention will be focused on the plight of democracy, the rise of fascist and communist totalitarianism, the great depression, and the effects of both World Wars.

Three hours per week

3 credits

Hi30ab History of the United States and Pennsylvania— This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Social, cultural, political, and economic aspects will be considered. The history of Pennsylvania will be dealt with as it reflects significant trends in the history of the United States.

Three hours per week

6 credits

Hi31a Economic History of the United States—This course is a study of the developments of American economic life from the agrarian economy of the Colonial Period to the highly complex industrial economy of the present day.

Three hours per week

3 credits

Prerequisite: Hi30ab recommended

Offered 1959-1960

Hi32b Recent History of the United States—This course is intended to acquaint the student with the development of the United States since 1890. While designed as a general survey of the period, social, intellectual, and economic aspects will be emphasized.

Three hours per week
Offered 1959-1960

3 credits

Hi40ab Diplomatic History of the United States—This course is a study of the major developments in the international relations of the United States. It will be conducted on a seminar basis when class size permits.

Two hours per week

4 credits

Prerequisite: Hi30ab or the permission of the instructor

Offered 1958-1959

Hi43b European Diplomacy since the Congress of Vienna— This is a survey of the conduct of European diplomacy since the fall of Napoleon. The main emphasis will be placed on the period since 1870 in a discussion of the diplomacy leading up to both World Wars and of the peace negotiations following these wars. This course will be conducted on a seminar basis.

Three hours per week

3 credits

Prerequisite: Hi22a and 23b or by permission of the instructor

Offered 1958-1959

History of Europe from 300 A.D.-1500A.D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Christian Church, thought, and philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week
Offered 1959-1960

3 credits

B. Political Science

PS40a International Relations—This course is designed to acquaint the student with the theory and practice influencing the relations between states with special emphasis on the more important international organizations.

Three hours per week

3 credits

Offered 1959-1960

PS41b American Government—This course is a survey of the political institutions of the United States with special emphasis on the national government.

Three hours per week

3 credits

PS42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy. This course will be taught on a seminar basis when class size permits.

Two hours per week

Prerequisite: Hi 22a and 23b recommended

Offered 1958-1959

Mathematics

Associate Professor Heilman and Mr. Tyndall

Ma10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Five hours per week

3 credits

Malla College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

Prerequisite: Two years of high school mathematics or Ma10a

Ma12b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Knowledge of Plane Geometry and Algebra

Three hours per week

3 credits

Ma13b Finite Mathematics—This course will treat the theory of sets and its relation to symbolic logic; the laws of partitions and counting; probability theory; vectors and matrices; and applications of these subjects to sociology, psychology, economics, and genetics.

Three hours per week Prerequisite: Malla 3 credits

Mal4ab Mathematical Analysis—Intended for pre-engineering students and those expecting to major in mathematics or the physical sciences, this course presents a unified treatment of algebra, trigonometry, analytic geometry and introductory calculus. It requires a good background in high school algebra and some knowledge of geometry.

Five hours per week

10 credits

Ma16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week 3 credits

Prerequisite: Knowledge of Plane Geometry

^{*} Does not count toward a major.

Ma20a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisite: Malla and 12b

Three hours per week

3 credits

Ma21b Differential Calculus—This course covers the differentiation of algebraic, trigonometric, logarithmic, and exponental functions with practical applications.

Prerequisite: Ma20a Three hours per week

3 credits

Ma23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisite: Malla and 12b

Three hours per week

3 credits

Ma25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Malla Three hours per week

3 credits

Introduction to Statistics—(See Business Administration 36a).

Teaching of Secondary Mathematics—(See Education 25b).

Ma30a Integral Calculus—The integration of elementary functions will be studied with applications of the definite integral in finding areas and volumes and in solving problems in mechanics.

Prerequisite: Ma21b Three hours per week

3 credits

Ma31b Intermediate Calculus—Taylor's formula, partial differentiation, multiple integrals, introduction to differential equations, etc., are stressed. It is strongly advised that both 30a and 31b be elected by all mathematics majors.

Prerequisite: Ma30a Three hours per week

3 credits

Ma32a Differential Equations—This course includes the solution of ordinary differential equations, covering first and second

order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Ma30a Three hours per week

3 credits

Ma41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Knowledge of Algebra and Trigonometry. Laboratory fee \$2.00

Three hours per week

3 crcdits

Ma42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Malla and 12b. Laboratory fce, \$7.50

Five hours per week

3 credits

Music

Professor Fisher, Mrs. Meyer, Mr. Young, and Mr. Klauss

A. General

Mu13a Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music and will deal with the elements of music and with fundamental music theory. The arts of singing, sight-reading, note writing and conducting will be developed during the semester.

Two hours per week

2 credits

Mu23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Mu13a

Two hours per week

4 credits

Offered 1958-1959

Public School Music—(See Education 23a).

Mu32a History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual stand-

point of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Three hours per week
Offered 1959-1960

3 credits

Mu42b Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice, adolescent, and adult voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Three hours per week

3 credits

Offered 1959-1960

B. Applied

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical, Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

Ensemble

(No tuition charge. No credit unless attendance at rehearsals and public performances is satisfactory, and unless participation extends over the entire school year.)

College Choir

Three hours per week (two rehearsals) Fee, \$1.00 per semester 2 credits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week Fee, \$1.00 per semester

1 credit

Men's and Women's College Quartettes

One hour per week

1 credit

Students may elect 20 semester hours of credit in music toward the A.B. or B.S. degree. A maximum of 8 semester hours in Ensemble and/or Applied Music may be applied towards the A.B. or B.S. degree.

Piano and voice instruction, with one private lesson per week and five hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a composition such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the preceding pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during registration week.

Physical Education and Health

Mr. Herr, Mr. Smith, and Miss Risser

PE10ab Physical Education—Instruction and practice in fundamental techniques of seasonal team, dual, and individual activities for development of basic skills, knowledge and attitudes in these activities.

Two hours per week

2 credits

PE20ab Physical Education—Continuation of instruction and practice in seasonal activities with emphasis on advanced techniques, skills, and knowledge in these activities.

Prerequisite: PE10ab

Two hours per week

2 credits

PE21b Camp Counseling—Instruction and practical experience in camp activities and campcraft with development of leadership in these activities and the camping program.

Laboratory fee, \$2.00

Three hours per week

3 credits

By appointment

Teaching of Health and Hygiene—(See Education 26ab).

PE23ab Administration and Coaching-Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are inincluded in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Mr. Custer

Phy10a Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meterology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$2.00 Three hours per week

3 credits

Phy12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

If possible the student should provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed during the first semester.

Two hours recitation and three hours laboratory per week Laboratory fee, \$10.00 per semester

Phy17a-b Drawing and Descriptive Geometry—The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments.

One hour lecture and five hours laboratory per week

4 credits

Phy20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlation of class and laboratory work will be maintained.

Prerequisite: Malla and 12b Laboratory fee, \$7.50 per semester

Three hours recitation and two hours laboratory per week 8 credits

Physics 21a, 22b, 30a, 31b form a group which should be taken by those students desiring a more mathematical coverage of physics than is offered in Phy 20a-b. Students majoring in chemistry or mathematics should, if possible, plan to take these courses.

Phy21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion, elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Ma21b (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy22b Heat and Sound—The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Phy21a and Ma30a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohm's Law, Kirchhoff's Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism, alternating currents, radiation, and electronics.

Prerequisite: Phy22b

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Phy30a

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$7.50

Phy40a Statics—This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisite: Ma30a and Phy21a

Three hours per week

3 credits

Phy41b Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Phy40a

Three hours recitation per week

3 credits

Psychology

PROFESSOR STUMP AND MRS. FELLENBAUM

Ps10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people. This course is a prerequisite for all other psychology courses.

Two hours per week

4 credits

Ps20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Prerequisite: Ps10ab Three hours per week Laboratory fee, \$3.00

3 credits

Ps22b Child Psychology—The general growth, maturational, and emotional aspects of the child from conception to adolescence are the chief considerations of this course.

Prerequisite: Ps10ab
Three hours per week

3 credits

Ps31b Psychology of Exceptional Children—An overall consideration of children who deviate from the generally accepted patterns of expected development is the concern of this course. Special attention is given to problems of the mentally superior, mentally retarded, and physically handicapped children.

Prerequisite: Ps10ab
Three hours per week

3 credits

Ps32b Mental Hygiene—Dynamics of personal and social adjustment and maladjustment, particularly as they relate to child and adolescent development.

Prerequisite: Ps10ab
Three hours per week

3 credits

Ps36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to become acquainted with the progress that society is making in the treatment of the mentally ill.

Prerequisite: Ps10ab
Three hours per week

3 credits

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

Ps40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality, fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Prerequisite: Ps10ab
Three hours per week
Offered 1959-1960

3 credits

Sociology

Assistant Professor Greene

Sol0a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 credits

So20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week Prerequisite: So10a 3 credits

Offered 1958-1959

So21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per week Prerequisite: So10a

3 credits

So31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week

3 credits

Prerequisite: So10a

So32b Intergroup Relations—An analysis of intergroup relations involving racial, ethnic, and religious minorities in the United States and selected regions of the world.

Three hours per week

3 credits

Prerequisite: So10a

So40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction.

Three hours per week

3 credits

Prerequisite: So10a
Offered 1958-1959

So41b Community Organization—The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: So10a **Offered 1959-1960**

So42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week

3 credits

Prerequisite: Solla Offered 1959-1960

So43a The Family—This course will begin with a comparative study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours per week Prerequisite: So10a

3 credits

ADJUSTMENT OF FEES

ANNUAL EXPENSES FOR 1959-1960

The annual expenses for the 1959-1960 school year amount to \$1270; for the students residing in the New Women's Residence Hall the expenses amount to \$1321.

The annual expenses for a student attending the College from his own home amount to \$725.

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a single fee, which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas and Easter vacations. This fee amounts to \$1195.00; for the students residing in the New Women's Residence Hall to \$1246.00.

Day Students

The expenses for a student attending College from his own home are \$650.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of First Semester	\$298.75	\$162.50
On or before December 1	298.75	162.50
At the opening of Second Semester	298.75	162.50
On or before April 1	298.75	162.50

For students residing in the New Women's Residence Hall, the quarterly charge is \$311.50.

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, honorariums, work, and the like will be deducted from the second and fourth invoices.

^{*}This charge does not include the accident insurance premium required of all students. See page 84.

The tuition charge for less than 10 and more than 18 hours per week is \$16.50 per semester hour when students take work with regular classes. Whenever choir, chorus, and/or band increases the number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

Each student is credited with \$5.00 per year from his college fee toward an alumni life membership fee of \$20.00 and with class membership fees of \$2.50 per year. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

All automobiles operated and parked on the campus by students must be registered at the Business Office, and a \$2.00 registration fee must be paid.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the Dean of the College. If such withdrawal occurs before the end of the semester, the student is obligated for the entire semester's charges, except for 75% of the unused board charges and 50% of the unused room charges, and for tuition as follows:

Period of Attendance	Per Cent of Quarter's Charge
One week	No Charges
2 to 3 weeks	25%
4 to 5 weeks	50%
6 to 7 weeks	75%
After 7 weeks	100%

The effective date for calculating refunds will be the date of receipt of a written notice of withdrawal by the Dean.

General Expense Information

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$8.00 for men and \$4.00 for women per college year. It is compulsory on the part of all students to carry this insurance.

The cost of one lesson per week in piano, voice or organ is \$30.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

A fee of \$1.00 per semester is charged to the account of each member of the College Chorus and College Choir to pay for oratorio books or other necessary music. All music is retained in the choral library of the College.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing.

Students for whom it is possible to substitute a course offered on campus for an off-campus extension course will be permitted to enroll in the extension course only with the approval of the Dean of Instruction and the payment of an additional extension fee. Any student enrolled for 10 or more semester hours including extension courses will be considered a full-time student and will be expected to pay full-time fees and to abide by all regulations that affect regularly enrolled students.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A fee of \$10.00 must accompany the "Application for Admission." This fee, covering the cost of processing the prospective

student's application, is non-refundable and cannot be applied to-

ward the payment of other charges.

A successful applicant for the September term should send to the Director of Admissions, Elizabethtown College, a matriculation deposit of \$25.00 on or before May 20. Those receiving notification of acceptance after May 5, should send the \$25.00 matriculation deposit within 15 days of the date of notification. This fee reserves a room for boarding students. It will be credited to the student's account when he matriculates. If a successful applicant withdraws before July 1, the advance deposit will be returned. No refund will be made after July 1.

A preregistration fee amounting to \$25.00 is required of all matriculated students planning to return to college. The fee is payable before July 1. It is applicable to the first semester's account. No refund will be made after August 1.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

The Elizabethtown College Scholarships range in value from \$900.00 to \$1200.00 distributed over four academic years. A student to be eligible must be graduated in the highest tenth of his class.

A \$900.00 scholarship, available at the rate of \$225.00 per year, is awarded to students who are graduated in the upper tenth of their classes. Should the student be graduated first or second in rank in his respective graduating class the scholarship is worth \$1200.00 available at the rate of \$300.00 per year.

The holder of this scholarship must maintain a scholastic average indicated by the following credit-quality point ratios in order to be eligible for the renewal of his scholarship: at the close of the Freshman year 2.25; at the close of the Sophomore year 2.50; at the close of the Junior year 2.75. For quality point values see page 20.

This scholarship is awarded by the Faculty Committee on Admissions upon the receipt of the official high school record indicating that the applicant has been graduated in the highest tenth of his class.

The College also offers scholarships to ministers and missionaries and their children. To receive a minister's scholarship a student is required to file a written application and present satisfactory evidence of his licensure.

Application in writing must be made for all scholarships and grants before October 1. An application received after October 1 will be considered only for the second semester. Application forms can be secured in the Registrar's Office.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00

to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$25.00 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Business Education are eligible.

The Weaver-Zeigler Prize—A prize of \$15.00 is awarded annually to that member of the senior class who during his or her career at college has shown the greatest interest and scholarship in the courses in Bible and Christian leadership. This prize is given by Carl and Naomi Weaver Zeigler, classes of 1931 and 1934, in memory of their parents Reverend George W. and Magdalena Oberholzer Weaver and Harvey F. and Susan Wenger Zeigler.

Accounting Award

Each year the Pennsylvania Institute of Certified Public Accountants awards "The Accountants Handbook" to a member of the graduating class whose academic ability in accounting is excellent and whose professional attitudes and characteristics are highly commendable.

The Wall Street Journal Award

Each year the Wall Street Journal makes an award of a medal and a year's subscription to the newspaper to a graduating student who has done outstanding work in the field of finance and business.

General Regulations

Only upon petition to the Committee on Admissions can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which the offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Business Manager.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

The College approves a linen rental service which, for an established fee, will supply each student weekly with linens. A letter explaining this service will be sent to each resident student during the summer months. Facilities for personal laundry are available in the dormitories.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

To make his room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

All students living in any of the College residence halls are required to take their meals in the College dining hall.

Only for exceptional reasons may resident students live outside of the dormitories. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided in Fairview Apartments with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Physical Education and Athletics

Physical education and athletics are an integral part of the curriculum, important in the development of the "whole" individual. All students physically able are urged to participate in the program. Every student, when enrolled, is granted permission by parent or guardian to participate in competitive and intercollegiate sports unless the college, by written statement to the Office of the Dean of Instruction, is otherwise instructed.

Intramural athletics are a very important part in the program of health and physical training. The program is voluntary. However, students are encouraged to participate in at least one sport. Schedules and tournaments are arranged for various campus groups. Schedules are made for tennis, soft ball, touch football, basketball, badminton, volley ball, and table tennis.

Intercollegiate Athletics—The college maintains intercollegiate teams in soccer, cross country, basketball, wrestling, baseball, and tennis and provides attractive schedules with other colleges. All eligible students are invited and urged to become candidates for the teams.

Intercollegiate sports for women include field hockey, basketball, and tennis. Attractive schedules are arranged with other colleges. Intramurals for women are organized by the Women's Athletic Association.

Elizabethtown College is a member of the following collegiate conferences:

- 1. National Collegiate Athletic Association
- 2. Eastern Collegiate Athletic Conference
- 3. Middle Atlantic States Collegiate Athletic Conference
- 4. National Association of Intercollegiate Athletics

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director.

Student Government Organizations

All students are ipso facto members of the Student Association.

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Athletics

Elizabethtown College fosters games, both indoors and out of doors, encouraging as many as possible to participate in them. They are maintained not only for a few, but for all. Every safeguard is exercised to ensure wholesome contests upon the highest

moral plane. Baseball, basketball, soccer, and tennis are the chief activities. A schedule of intercollegiate contests in the major sports is arranged each season.

Student Christian Organizations

Student Christian Movement

This group coordinates all religious activities on the campus. Students serve as leaders for the weekly meetings.

Brethren Youth Fellowship

This is an active organization of Church of the Brethren and other interested students. Monthly meetings concern themselves with studies and discussions of Brethren history, doctrines, and programs.

Lutheran Students Association

The Lutheran students meet at regularly stated times to participate in activities of interest to their denomination. The Lutheran churches of Elizabethtown and vicinity offer leadership and encouragement.

Student Ministers' Fellowship

The student ministers' organization is known as the Eta Gamma Kappa. It promotes the fellowship of men students interested in preparing for full-time church vocations.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading dramas of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

Intercollegiate Debating

A debating association is organized each year. A number of debates are arranged with other colleges. The debating teams are selected by means of competitive try-outs to which all students in the association are eligible. This form of student activity affords a splendid opportunity for the development of forensic ability. Debates of various types are held each year.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Future Teachers of America

Purpose: To develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national education associations. An attempt is made to acquaint teachers in training with the history, ethics, and program of the organized teaching profession.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Alumni Edition, the View Book Edition, the Catalog Number, and Summer Session Announcements.

The *Etownian* is published monthly except July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The *Rudder*, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration. All general college regulations not listed in the annual catalog are contained in the *Rudder*.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the College Choir is chosen from the membership of the College Chorus, and consists of thirty-six to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the College Choir takes frequent trips, giving concerts in Brethren churches and other churches of Pennsylvania. The College Choir also prepares a repertoire of secular music which is presented at some time during the second semester of each school year.

The College Chorus is an organization consisting of around a hundred members, which presents a great oratorio at some time during the school year. The oratorio is presented in the college auditorium, with guest soloists and college soloists.

The College Band or Orchestra is a combination of instrumental players who are available from among the students of the college. The Band plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the College Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and make frequent public appearances in churches, high schools, and other places.

Buildings and Grounds

One of the first and certainly one of the most lasting impressions of Elizabethtown College is centered in the verdant beauty of its 65-acre campus.

Interwoven with a network of paved walks and roads, the grassy campus is systematically dotted with an abundance of trees and the various buildings and athletic facilities of the college. Included in the latter category are a baseball diamond, soccer field, hockey field, and several all-weather tennis courts.

Alpha Hall

Alpha Hall, the administrative center of the campus, is the original building having been opened to classes in 1901. In addition to the various administrative offices of the college, it houses over 40 students on the second and third floors and has two classrooms on the ground floor.

Auditorium-Gymnasium

The hub of the campus physical education program and cultural and religious activities, the auditorium-gymnasium was dedicated in 1929 with the help of Joseph C. Johnson, who donated half of the funds needed for construction, and other interested alumni. With facilities for seating 1,000 people on the main floor and balcony, this building is used for chapel and lyceum programs as well as intercollegiate athletic competition.

Zug Memorial Library

Completed in 1950, this centrally-located, modern, brick building presently houses 23,500 volumes of reference material, biographies, and fiction works with facilities for 25,000 more. In addition, 250 periodicals are carried, eight newspapers are received through subscriptions, and about 20 others are available through the Public Relations Office.

The ground floor contains a magazine room and the Brethren Historical Room. Library offices and the main reading room are located on the main floor. Book stacks are maintained on all three levels of the building.

North and South Halls

Built by the Federal Government under the terms of the Lanham Act, these two connecting dormitories provide complete housing facilities for approximately 80 male students.

Business Education Building

This building provides the college with five additional classrooms and several faculty offices. It serves as a meeting place for the majority of the business classes as well as some classes of the language department. All type of office machines are available for students' use.

New Women's Residence Hall

With complete facilities for housing 130 women, this modern, three-story, brick structure was completed in 1957 at a cost of \$712,000. In addition to serving as the main women's residence hall, it contains the college kitchen and dining hall, where all students take their meals. The residence and office of the Dean of Women are located on the ground floor, and the main lounge serves as a setting for teas and other social events.

Rider Memorial Hall

Dedicated in 1906 to the memory of Joseph Rider, an early supporter of the college, this four-story ivy-covered building contains the college store and recreation room on its ground floor. Faculty offices, two classrooms, and several music department practice rooms are on the second floor with other classrooms located on the third story. The upper floor is used as a dormitory.

Fairview Hall

This, the third building to be erected on campus, was dedicated in 1921. A three-story brick structure, it is used primarily as a dormitory with additional facilities for an infirmary and the office of the Dean of Men.

Gibble Memorial Building

With the addition of the new wing, this building houses complete facilities for the science and engineering departments. A two-story structure erected by the Gibble Family Association, it contains chemistry, biology, and physics laboratories in addition to faculty offices, lecture rooms, a science reference library, and storage rooms.

The laboratories are fully equipped with high quality facilities.

West Hall

Situated on the northwestern corner of the campus, this homelike building houses 15 male students.

Lake Placida

Developed near an evergreen grove on the eastern portion of the campus, Lake Placida affords a setting for relaxation for students and faculty. Periodic picnics and vesper services and the annual Homecoming Day tug-of-war are held at its edge.

The Alumni Association

The Alumni Association is organized to promote fellowship among the alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one year or the equivalent thereof, are eligible to active membership.

The Association is entitled to a representation of three members on the Board of Trustees. These members are nominated by the Association and serve three years.

Officers 1957-1958

President, David M. Raffensperger, '38	Blue Ball, Pa.
Vice-President, M. ALEXANDER GLASMIRE, '37	Villiamstown, N. J.
Recording Secretary, HILDA I. GIBBEL, '41	Harrisburg, Pa.
Treasurer, MERLE E. BLACK, JR., '47	Elizabethtown, Pa.
Executive Secretary, Clarence G. Enterline, '31	Elizabethtown, Pa.

Harrisburg

President, RICHARD C. FARLEY	, '52		Harrisburg,	Pa.
Secretary-Treasurer, NANCY	(MATHIAS)	MARTIN, '50	Harrisburg,	Pa.

Juniata Valley

President, Luke Buffenmyer, '37	Newport, Pa.
Vice-President, GLENN GINGRICH, '49	Blain, Pa.
Secretary-Treasurer, Ada (Mensch) Hassinger, '48	Mifflinburg, Pa.

Lancaster

President, Dr. HARRY S. BERBERIAN, '42	Lancaster, Pa.
Vice-President, Dr. John Stauffer, '49	
Secretary, Nancy Hoffman, '55	
Treasurer, C. Bernard Grissinger, '50	Mt. Joy, Pa.

Lebanon Valley

President, REV. EARL S. LEHMAN,	, '49	Richland, Pa.
Secretary-Treasurer, Mrs. Paul I	Емегіск, '43	Myerstown, Pa.

Philadelphia

President, J. Albert Seldomridge, '52	
Vice-President, Anna (Snyder) Snowden,	
F 102 7	

York

President, RICHARD AULT, '53	. York,	Pa.
Vice-President, Charles Booz, '39		
Secretary-Treasurer, Theresa (Mohler) Herr, '52	. York,	Pa.

Chicago-Elgin

President, MARK KEENEY, '54	
Secretary-Treasurer, ESTHER	

The Alumni Council

President, David M. Raffensperger, '38	Williamstown, N. J. Harrisburg, Pa. Elizabethtown, Pa.
Anna Mae Eby, '35	
James S. Linton, '38	
Margaret Miller Cassel, '38	Lititz, Pa.
Paul S. Herr, '36	Elizabethtown, Pa.
Janet Senft, '47	Thomasville, Pa.
J. Albert Seldomridge, '52	Haddonfield, N. J.
Betty Forney Saylor, '41	.East Petersburg, Pa.
James M. Martin, '39	
Esther Zug Papson, '36	
Benjamin G. Musser, '43	
GALEN C. KILHEFNER, '30, Trustee	
I. WAYNE KELLER, '30, Trustee	
ETHEL M. B. WENGER, '24, Trustee	

Commencement

Monday June 3, 1957 10:00 A. M.

Address: The Honorable Harold R. Medina, Circuit Judge, United States Court of Appeals, New York

Honorary Degrees

HAROLD R. MEDINA, Doctor of Laws

JOHN A. ROBINSON, Doctor of Divinity

DANIEL C. REBER, Doctor of Humane Letters

JOHN F. STEINMAN, Doctor of Laws

Degrees in Course

Bachelor of Arts in Liberal Arts

Mary Lou Armstrong John Raymond Brubaker Charles W. Corley Inna Daniloff Carl Richard Denlinger John L. Fisher Harold Jere Frey Glen Ryan Furman John S. Herigan William Russell Hodgdon Robert Rollin Knappenberger, Magna Cum Laude John Landis Kraft Jessie E. Martin *Kenneth Lee Miller Edwin Mark Muller Samuel Martin Oberholtzer, Jr., In Absentia Joseph Lorell Price Jonathan Moore Smith, Jr. Mendel Shoop Sohn Otto Jacob Stahle John William Stoneback Peter Lewis Thompson *Robert Richard Wert *Donald Witters Lames Lee Morgan Velnost Cum Laude	Willow Street, Pa. Belington, W. Va. Millville, N. J. Salunga, Pa. Greencastle, Pa. Elizabethtown, Pa. Sunbury, Pa. Steelton, Pa. Ocean City, N. J. West Leesport, Pa. Lancaster, Pa. Elizabethtown, Pa. Lebanon, Pa. Paterson, N. J. Camp Hill, Pa. Vernfield, Pa. Elizabethtown, Pa. Middletown, Pa. Middletown, Pa. Millersville, Pa. Millersville, Pa. Ouarryville, Pa. Catasauqua, Pa. Ephrata, Pa.
JAMES LEE MORGAN YEINGST, Cum Laude	Lebanon, Pa.
THEODORE CHARLES YOHE, Cum Laude	York, Pa.

Bachelor of Science in Science

*Lois May Erb	Mount Joy, Pa.
JEAN LA VERNE MAYBE	
CHARLES DAVID NACH	Yonkers, N. Y.
Albert Kandle Rogers	Norristown, Pa.

^{*} Degree granted August 16, 1957.

Carl Richard Spease Penbrook, Pa. LeRoy Steinbrecher Conestoga, Pa. Nancy Carolyn Swanson, Cum Laude Mount Joy, Pa. Joseph Wayne Taylor Elizabethtown, Pa. *M. Kenneth Warfel Lancaster, Pa.	
Bachelor of Science in Business Administration	
GLENN RICHARD BIXLER ROBERT ALTLAND BLESSING JAMES NEVIN BORTZFIELD LANCASTER, Pa. WILLIAM CALVIN DESCH FRANKLIN ROOSEVELT EICHLER LAYTON HARRIS FIRENG *WILLIAM GGAR ROBERT LANE GOUDIE H. GORDON HERSHEY HENRY EUGENE HITZ MICHAEL IVANOFF FRANK JOHN LECH JAY HERR LUTZ *WILLIAM RICHARD NAPP SALVATORE LEON PAONE JOHN CHARLES PICKING JOHN CHARLES PICKING JOHN SHILCUSKY, JR. POTTSVILLE DONALD HENRY STARR JAMES RICHARD WEAVER, IN Absentia JOHN D. WITMER, JR. Harrisburg, Pa. Philadelphia, Pa. JAMES RICHARD WEAVER, IN Absentia Lancaster, Pa. JOHN D. WITMER, JR. Harrisburg, Pa.	
Bachelor of Science in Secondary Education	
James Franklin Baugher Slatington, Pa. *Matthew J. Belicic Enhaut, Pa. *Jay Russel Book Thompsontown, Pa. David G. Boorse North Wales, Pa. *Harry John Graham Elizabethtown, Pa. **Martin Patrick Rafter Philadelphia, Pa. *Marlin S. Reed, Jr Gratz, Pa. Wanda C. Sprow Harrisburg, Pa. J. Lloyd Swope Hershey, Pa.	
Bachelor of Science in Business Education	
*Lois Roberta Ross, In Absentia	
Bachelor of Science in Elementary Education	
*Ruthanne Butterbaugh . Elizabethtown, Pa. *Ruth Ann L. Ebersole, Magna Cum Laude . Elizabethtown, Pa. *Irvin M. Engle, Jr Elizabethtown, Pa. A. Maude Shue Eyler	

^{*} Degree granted August 16, 1957. ** Degree granted September 14, 1957.

LOIS C. HESS CLARA LOUISE HILDEBRAND Biglerville, Pa. *ELAINE F. HOLSINGER Quakertown, Pa. MARIE AGNES HOOVER, Cum Laude GLORIA DAWN KELLER, Cum Laude *ALICE JOYCE LONGENECKER HAZEL J. WELLS PRANGE SHIRLEY M. PRANGE JEAN FRETZ SHELLING DORIS I. SPOTTS JUIAN, Pa. AUDREY HOPE SPRENKLE NOrth East, Md. *KATHRYN REGINA SWIGART MARY LOUISE THOME WERNA W. WEAVER HAROLD P. WENGER *Lois M. WENGER, In Absentia Pa. Biglerville, Pa. Mount Joy, Pa. Christiana, Pa. Julian, Pa. McVeytown, Pa. McVeytown, Pa. Elizabethtown, Pa. *Lois M. Wenger, In Absentia PAULINE ANNA WOLFE Myerstown, Pa. HAZEL ELIZABETH YODER Mattawana, Pa.	
Bachelor of Science in Medical Technology	
CAROLE RAMONA ALEXANDER Harrisburg, Pa. CAROL BERRY BECHTEL, Cum Laude Lancaster, Pa. MARY GRACE DILLING Lancaster, Pa. GWENDOLYN LOWE TABBUTT Lancaster, Pa.	
Bachelor of Science in Nursing	
GIMMIE LU COX	
Recipients of Certificates	
Medical Secretarial Science	
H. Marguerite Dum New Bloomfield, Pa. Marianne E. Eicholtz Strasburg, Pa. Frances E. Hoover Elizabethtown, Pa. Jane E. McCullough Glen Rock, Pa. Sylvia D. Shaffer Lansdale, Pa. Barbara G. Smith Hatboro, Pa.	
Secretarial Science	
CAROLE JOANN BOSSINGERMattawana, Pa.MARY F. BOVAIRD	
Medical Technology	
Margaret J. Mills	

^{*} Degree granted August 16, 1957.

Register of Students

1957-58

Seniors

ANKENY, EDWIN
Paper A var P C Colones 324 Market Ct Holifor
BARRICK, ALAN
BATES, WARREN
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BROWNAWELL, MARLIN B.S. Bus. Admin Box 7, Allen
Bucher, Gene
BUNTING, JERE B.S. Bus. Admin 1698 New Holland Pike, Lancaster
CHASE, JAMES
COOPER, JERE B.S. Bus. Admin Route No. 1, Manbeim
CRUM, CARL B.S. Bus, Admin 24 W. Caracas St., Hershey
CUNNINCHAM AMOS RS Rus Admin 152 N Allison St Greencastle
CUNNINGHAM, AMOS B.S. Bus. Admin 152 N. Allison St., Greencastle Deets, Daniel
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DENNIS, RICHARD
ENGLE, JAMES B.S. Science Bainbridge
FALK, RICHARD
FORRY, ROGER A.B. Liberal Arts Zarfoss Apts., No. 6, Elizabethtown
Funt, Marwood
GERLACH, GEORGE A.B. Liberal Arts 1410 Millersville Pike, Lancaster
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GLOVER, IRVING
GREIDER, JAY B.S. Bus. Admin Route No. 1, Mount Joy
HAGENBERGER, PAUL A.S. Liberal Arts 2651 S. Third St., Steelton
HARRIS, JAMES
town Hill Co. Pl. 1 de
Heisey, Chester B.S. Bus. Admin 310 W. High St., Elizabethtown
Hoch, Harold
Hollinger, John A.B. Liberal Arts 132 Mill St., Manbeim
LEAMAN, KENNETH B.S. Bus. Admin 326 Elm Court, Middletown
LEPPO, FREDERICKB.S. Bus. Admin 108 Philadelphia St., Hanover
LISMAN, JOSEPH B.S. Sec. Educ 4126 Leidy Ave., Philadelphia
MARTIN KENNETH A B Liberal Arts . Star Route No. 1 Shippenshira
MARTIN, KENNETH A.B. Liberal Arts Star Route No. 1, Shippensburg
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BRIST, KENNETH

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Voryn Many	122 Cregan Rd., riigh Bridge, N. J.
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KREIDER LOIC	Route No. 2 Roy 241 Mount Iov
Krieg Dorie	175-27 Mayfield Rd Jamaica N V
GRUEB, RUTH GRUBB, CATHERINE GUERS, FRANCES HAINES, MARGARET HARRIS, JACQUELINE HEISEY, RUTH HERR, ARBA HOENER, ELSA HOLSINGER, ELAINE HOSSLER, ESTHER HOWER, MARGARET HULL, THELMA INGRAM, PHYLLIS JOHNSON, JEANNETTE JONES, FRANCES JONES, MARTHA KELLER, RACHEL KENDERDINE, BONNIE KELEN, MARY KODER, MARY KOMAN, MARTHA KRAMER, FRANCES KREIDER, LOIS KRIEG, DORIS LEARN, NANCY LEFEVER, ELIZABETH LEWIS, BARBARA LOYD, MARY MARTIN, RUTH MCCULLIAN, JOSEPHINE	Route No. 3 Stroudshurg
LEFEVER ELIZABETH	Box 229, Route No. 1, Strasburg
LEWIS BARBARA	646 N. President Ave., Lancaster
LOYD, MARY	4405 Terrace Drive, Harrisburg
MARTIN, RUTH	229 Lemon St., Elizabethtown
McCullian, Josephine	110 W. Catawissa St., Nesquehoning
MILLER, EDITH	301 Mill St., Williamsville 21, N. Y.
MORGAN, ELDA	4353 N. 2nd St., Harrisburg
MORGAN, RUTH	4353 N. 2nd St., Harrisburg
NOONAN, MARY	402 Washington St., Frackville
OBER, HELEN	New Enterprise
OESTERLING, MARY	109 Parkside Rd., Camp Hill
PATTON, LOUISE	15 Linden Ave., Elizabethtown
PETERMAN, NANCY	3008 Walnut St., Harrisburg
QUILLEN, CECIL	Bisnop, Maryland
REYNOLDS, ROSE	Jimsted Ar B, Middletown
RILEY, MARIE	114 Fourth St. Roiling Springs
ROTH, MADELINE	11 W Cay St Ped Lion
ROSEMAN, BETTY	120 Washington Ave Ephrata
Court Appropriate	112 St. John St. Schuvlkill Haven
Seiger, Address	Rox 365 Annville
Seller, Jane	234 Gay St., Red Lion
SPOTTS CIENNA	Shermans Dale
Suprement Ann	Thestnut & Memory St., Red Lion
STATE I VDIA	635 W. Market St., York
SWIGART KATHRYN	Route No. 1. McVeytown
SWISHER SHIRLEY	98 Highlawn Ave., Elizabethtown
THUMA. JANET	Route No. 1, Marietta
WEBB. DANEEN	Route No. 1, Box 433, Lancaster
Weller, Kathleen	96 Adams St., Windber
WENGER, GLADYS I	Route No. 3, Greencastle
WENGER, LOIS I	Route No. 1, Elizabethtown
WHISLER. NAOMI	045 Willow Dr., Annville
WHITE, EMMA3	03 E. Willow St., Elizabethtown
WHITE, ORPHA 1	501 Wogan Kd., York
Wise, Dorothy	Dante Ma 1 Lampeter
LEWIS, BARBARA LOYD, MARY MARTIN, RUTH MCCULLIAN, JOSEPHINE MILLER, EDITH MORGAN, ELDA MORGAN, ELDA MORGAN, RUTH NOONAN, MARY OBER, HELEN OESTERLING, MARY PATTON, LOUISE PETERMAN, NANCY OUILLEN, CECIL REYNOLDS, ROSE RILEY, MARIE ROTH, MADELINE ROSEMAN, BETTY ROYER, FAY SEIGER, ADDRUELLA SELLER, JANE SNYDER, EVELYN SPOTTS, GLENNA SPOTTS, GLENNA SPOTTS, GLENNA SPOTTS, GLENNA SPOTTS, GLENNA SPOTTS, GLENNA SWIGART, KATHEYN THUMA, JANET WEBE, DANEEN WELLER, KATHLEEN WENGER, GLADYS WENGER, LOIS WENGER, LOIS WENGER, LOIS WHISLER, NAOMI WHITE, EMMA WHITE, DROPOTHY USE, DOROTHY SWIST, JUDITH	Coute 140. 1, Lampeter

1957—Summer Session II

AIELLO, CHARLES 132 ANNIBALI, RICARDO 26 N APPEL, EDWARD 32 F ARTMAN, GROVER Main BARNES, GILBERT 1 Cs BARR, BERVIN 38 S BASHORE, PAUL Fred BASILA, CHARLES 1354 BATES, WARREN Hele BAUM, HARRY 219 BEARD, GARY Box BLACKWELL, LEROY Atla BOLTZ, ROBERT 23 EL EL	Sylvan Terrace, Harrisburg
Annibali, Ricardo	Lingles Ave., Palmyra
ARTMAN. GROVER	St., Florin
BARNES, GILBERT 1 Ce	nter Square, Elizabethtown
BARR, BERVIN	. Maple St., Epbrata
BASHORE, PAUL Fred	Simpson Ferry Rd. New Cumberland
BATES, WARREN Hele	n St., Pomeroy
BAUM, HARRY	Hoffer St., Middletown
BEARD, GARY BOX	90, Cornwall
Boltz. Robert	Sagar Rd., Mounted Route No. 5
El	izabetbtown
BRITTON, RICHARD 1280 BUNTING, JERE 1698 BUSH, TERRY 936	P Oyler Rd., Harrisburg
Bush, Terry	Hummel Ave., Lemoyne
BUSH, TERRY 936 CARTER, COLVIN Sun CRUM, GLENN Rout DAVIS, ROBERT 405 DEETS, DANIEL 59½ DOUGLAS, MATTHEW 1851 DOURTE, WILBERT 731 EMENHEISER, RICHARD 17 ENGLE, IRVIN ROUT FISHER, TOHN 109	derland, Maryland
CRUM, GLENN	e No. 4, Newport
DEETS. DANIEL	Trinidad Ave., Hershey
Douglas, Matthew	Berrybill St., Harrisburg
Dourte, Wilbert	State Drive, Lebanon
EMENHEISER, KICHARD	enter Sq., Elizabethtown
FISHER, JOHN	N. Market St., Elizabethtown
FORNEY, JAMES 1717	2 E. High St., Elizabethtown
FUNT MARWOOD Mou	oss Apts., Apt. 6, Elizabethtown
GARMAN, TERRY	Church St., Ephrata
GARRETT, EVELYN	W. 16th St., New Cumberland
GERLACH, GEORGE	Millersville Pike, Lancaster
GOGAR. WILLIAM	S. Hall Manor, Harrisburg
GRAHAM, HARRY1033	S. Market St., Elizabethtown
GREIDER, JAYRout	te No. 1, Mt. Joy
GROFF. CHARLES	old Market St., Mount Toy
ENGLE, IRVIN ROUT FISHER, JOHN 109 FORNEY, JAMES 1711 FORRY, ROGER Zarf FUNT, MARWOOD MOU GARMAN, TERRY 69 GARRETT, EVELYN 518 GEBLACH, GEORGE 1410 GILMORE, EVERETT, JR ROUT GGARAM, HARRY 1033 GREIDER, JAY ROUT GRIMM, JOHN 917 GROFF, CHARLES 32 C GRUBB, EZRA ROUT HAERMAN, WILLARD ROUT HARRY, JOHN ROUT HARTMAN, RICHARD 2505	e No. 1, Hummelstown
HACKMAN, WILLARD Rout	te No. 2, Manheim
HARRY JOHN Route	n Mountain te No. 1. Millerstown
HARRY, JOHN ROW HARRY, JOHN ROW HARRY, JOHN ROW HARRY, JOHN ROW HEDRICK, JACK 59 F HENDRICKS, RONALD 22 S HOCH, HAROLD 165 HORNBERGER, RICHARD 603 HUBER, DONALD BLOC JONES, JOHN 241 KANOFF, PETER 143 KEENEY, ORWIN ROW KIM, TAI KYUN Seou LEAMAN, KENNETH 227 LIGHTHISER, THOMAS 304 MARRILEY, ROBERT 1901 MARTIN, MARLIN 463 MAZURIK, RONALD 224 MESSICK, ROBERT 102 MOREHOUSE, ELDON BOX MOWRER, MILTON MAR NACE, ROBERT 122	South 4th St., Steelton
HEDRICK, JACK	Baltimore St., Glen Rock
HOCH HAROLD	S. 4th St. Steelton
HORNBERGER, RICHARD603	Brandt Ave., New Cumberland
HUBER, DONALD Broz	d St., East Petersburg
VANORE PETER 143	College Ave Elizabethtown
KEENEY, ORWIN Rout	te No. 1, Myerstown
Kim, Tai Kyun Seot	il, Korea
LEAMAN, KENNETH	Graham St., Harrisburg
MARKLEY, ROBERT	New Holland Pike, Lancaster
Martin, Marlin	E. Park St., Elizabethtown
MAZURIK, RONALD	W. Main St., Hummelstown N. West Front St. Milford Del
Morehouse, Eldon	89, Florin
Mowrer, Milton Mar	ietta
NACE, ROBERT	S. Market St., Elizabethtown A. N. Market St. Elizabethtown
NAPP. WILLIAM	N. Race St., Middletown
NORFORD, MILLARD142	16th St., New Cumberland
PANNEBAKER, JAMES	E. Water St., Middletown
REED. TACK	n St., Gratz
REED, MARLIN, JR Grat	z
Schopf, Edward	College Ave., Mountville
SMITH ROBERT	Temple Ave., Lancaster
Mowrer, Milton Mar Nace, Robert 122 Nace, Samuel 403 Napp, William 409 Norrord, Millard 142 Pannebaker, James 320 PROWELL, Tolbert 211 Reed, Jack Mai Reed, Marlin, Jr Grat Schopf, Edward 53 (Siegler, Paul 336 Smith, Robert 175 Stabley, Gary 551	S. Main St., Red Lion

Stimac, Thomas	
TURNER, ROBERT	
VULICH, STEPHEN	
WAGNER, LOREN	
WARNER, KENNETH	
WAY, JOHN Salunga	
WEAVER, CHARLES	
WETZEL, ROBERT	
WILLIAMS, RICHARD	
WISEHAUPT, EDGAR	
WITTERS, DONALD	
YOCUM, JAMES Newberry Rd., Mounted Route, Middle	etown
YOHN, RICHARD Route No. 1, Elizabethtown	

1957-Summer Session II

Women

BARNES, BERTHA Rutherford Heights	
BASHORE, JANE Fredericksburg	
Dashore, Jane	
BECK, CLARA 523 N. Spring St., Middletown	
BICKSLER, FLORENCE	
BIRDSALL, JOAN	
Boswell, Carroll	
BUTERBAUGH, GWENDOLYN Route No. 4, Mechanicsburg	
BUTTERBAUGH, RUTHANNE	
CLAY, MILLIE	
COSNER, YVONNE Elizabethtown College, Elizabethtown	
Croco, Helen	let.
DAVIS, MYRTLE	
EBERSOLE, RUTH	
ERB. Lois	
ERB, LOUIS ROULE NO. 1, Mount Joy	
GARRETT, EVELYN	
GARRETT, EVELYN 518 W. 16th St., New Cumberland GEBHARD, EDITH 927 S. Market St., Elizabethtown	
GLOVER, FAYE	
GRAHAM, MARSHA	
GUERS, FRANCES	
HAINES, MARGARET	5,
Elizabethtown	
HERR, ARBA	
HOENER, ELSA	
HOLCOMBE, JESSIE	
HOLSINGER, ELAINE	
Hossler, Esther	
Jones, Frances	
Keller, Rachel	
Value Done	
KRIEG, DORIS	
Lefever, Elizabeth	
Lewis, Barbara	
Lewis, Barbara	
LONGENECKER, A. JOYCE	
MARTIN, RUTH	
Medellin, Olivia	
OBER, HELEN New Enterprise	
OESTERLING, MARY	
PATTON, LOUISE	
Peterman, Nancy	
Ouillen, Cecil Bishop, Maryland	
RILEY, MARIE	
REYNOLDS, ROSE	
POSEMAN BETTY 111 W. Gay St., Red Lion	
ROYER, FAY	
Sellers, Jane Box 365, Annville	
SNYDER, EVELYN	
SPRENKLE, ANN	
STITT, MARGARET Star Route, Apollo	
SWIGART, KATHRYN	
SWISHER, SHIRLEY	
THUMA, JANET	
TURNER, DELORIS	
WAGNER, DORIS	
WAGNER, DURIS Flighthyile	
WARFIELD, SUSAN Elizabethville	
WEAVER, CATHERINE	
WELLER, KATHLEEN	
WHITE, ORPHA	
VEACED EXITE	
ZLOBIK, DOROTHY	

Special Sessions

JULY 8-SEPTEMBER 4

Men

BAILEY, NORMAN
Barisch, Arnold
Benford, Edward
Berardi, Nicholas
BILLINGSLEY, WARREN Route No. 1, Utica
Bradley, Donald
ville
Dahlstrom, Harold
Drexler, James
GARRETT, ROBERT
GRUBBS, CARL
HASPEL, DONALD
HATFIELD, KENNETH
KEYSER, HARRY
Law, Herbert Route No. 1, Danville
MATSUKAS, NICHOLAS
MAZEPA, STEPHEN
RITCHIE, JOHN
SCHROCK, STANLEY
SHEMANSKI, WALTER
SHERMAN, LEONARD
SIGAFOOSE, JAMES
SPINDLER, ROBERT
Tierney, Francis
Walter, Albert
Weaver Leonard
WOLOSHIN, CHARLES, JR
ZAMBERNARDI, RADAMES

Women

HARTMANN, CAROLYN	Box 107, Intercourse	
SLAFKA, FRANCES	20 N. Ashland Blvd., Chicago, I	11.

Summary

NUMBER OF STUDENTS, 1957-1958

	Men	Women	Total
Seniors	63	34	97
Juniors	101	36	137
Sophomores	80	64	144
Freshmen	110	102	212
Special Students	2	0	2
Part-Time	10	31	41
Lebanon Valley-Elizabethtown College Exten-			
sion Center, Harrisburg	54	54	108
Summer Session I	103	90	193
Summer Session II	84	58	142
Special Session 1957	27	2	29
Total	634	471	1,105
Names repeated	134	7 6	210
Grand Total	500	395	895

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Courses of Instruction	48
Credits	19
Curricula:	
Business Administration	40
Business Administration (Accounting Major)	41
Business Education	43
Education—Elementary	38
Education—Secondary	36
Engineering	31
Forestry	32
Medical Technology	33
Nursing	34
Liberal Arts	25
Medical Secretarial Science	45
Science	29
Science (Chemistry Major)	30
Secretarial Science	44
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Healing Arts	
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Law	
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Veterinary Medicine	
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DIRECTOR OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA Dear Sir: I am interested in Elizabethtown College. Send me an Application for Admission form. Arrange an interview for me on the campus. Send me information about honor scholarships.

Send me an	Application for Admission form.
Arrange an i	interview for me on the campus.
Send me info	ormation about honor scholarships.
NAME	
STREET	CITY & STATE
HIGH SCHOOL	Date of Graduation
DIRECTOR OF ADMISSIO ELIZABETHTOWN COLLECTIONS	GE .
Dear Sir:	
I am interested in Eliz	abethtown College.
Send me an	Application for Admission form.
Arrange an i	interview for me on the campus.
Send me info	ormation about honor scholarships.
NAME	
STREET	CITY & STATE
HIGH SCHOOL	DATE OF GRADUATION
	(0.10)
DIRECTOR OF ADMISSIO ELIZABETHTOWN COLLECTIONS	GE .
Dear Sir:	
I am interested in Eliz	abethtown College.
Cond me an	Application for Admission form

Send me	an A	Applicati	on for	Adn	nissi	on form.
Arrange	an i	aterview	for m	e on	the	campus.

Send	me	information	about	honor	scholarships.

NAME______CITY & STATE_____

PLACE STAMP HERE

OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

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OFFICE OF ADMISSIONS ELIZABETHTOWN COLLEGE ELIZABETHTOWN, PENNSYLVANIA

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ELIZABETHTOWN COLLEGE
ELIZABETHTOWN, PENNSYLVANIA

OFFICE OF ADMISSIONS







BULLETIN OF

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN PENNSYLVANIA

1959

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JANUARY S M T W T F S	JULY SMTWTFS	JANUARY S M T W T F S	JULY SMTWTFS	
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FEBRUARY S M T W T F S	AUGUST S M T W T F S	FEBRUARY S M T W T F 8	AUGUST S M T W T F S	
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MARCH S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 18 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	SEPTEMBER S M T W T F S 1 2 3 4 6 6 7 6 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 18 19 20 21 22 23 24 26 26 27 28 29 30 31	SEPTEMBER S M T W T F 8 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 26 27 26 29 30	
APRIL S M T W T F S	OCTOBER S M T W T F S	APRIL S M T W T F S	OCTOBER S M T W T F S	
6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 26 28 27 28 29 30	4 5 8 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	3 4 5 6 7 8 9 10 11 12 13 14 15 18 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2 3 4 5 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 26 29 30 31	
MAY	NOVEMBER	MAY	NOVEMBER	
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F 8 1 2 3 4 6 8 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 26 29 30	5 M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 6 6 7 8 9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
JUNE	DECEMBER	JUNE	DECEMBER	
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Women's Residence



Elizabethtown College Bulletin

Published Quarterly
Sixtieth Annual Catalog Number



Accredited by the Middle States Association and
The University of the State of New York

Student Register for 1958-1959

Announcement of Courses 1959-1960

Vol. XLV

January, 1959

No. 3

ELIZABETHTOWN COLLEGE

ELIZABETHTOWN, PENNSYLVANIA

Entered as second class matter June 14, 1915 at the Post Office at Elizabethtown, Pa. under Act of Congress of August 24, 1912

(No subscription price.)

College Calendar

Summer Sessions-1959

JUNE	8	Monday, 8:00 a.m Summer Session I Begins
JULY	4	SaturdayIndependence Day (No Classes)
JULY	10	Friday, 12:00 NoonSummer Session I Ends
JULY	13	Monday, 8:00 a.mSummer Session II Begins
August	14	Friday, 12:00 NoonSummer Session II Ends
Academic Year 1959-1960		
September	14-15	Monday-TuesdayFreshman Orientation and Registration
SEPTEMBER	15	Tuesday, 8:00 a.m
		Day Student Upperclassman Registration
September	16	Wednesday, 8:00 a.m.
		Boarding Student and Upperclassman Registration
SEPTEMBER	17	Thursday, 7:40 a.m
SEPTEMBER	23	Wednesday, 9:30 a.m Charter Day Convocation
OCTOBER	17	Saturday
November	13	FridayFounder's Day
November	24	Tuesday, 5:00 p.m
November	30	Monday, 7:40 a.m
DECEMBER	18	Friday, 5:00 p.m
January	4	Monday, 7:40 a.m
JANUARY	21-27	Thursday-WednesdayFirst Semester Examinations
JANUARY	27	Wednesday, 5:00 p.mFirst Semester Ends
February	1-2	Monday-Tuesday Second Semester Registrations
February	3	Wednesday, 7:40 a.m
APRIL	8	Friday, 5:00 p.mEaster Recess Begins
APRIL	18	Monday, 7:40 a.m
May	14	SaturdayMay Day
May	23-27	Monday-FridaySecond Semester Examinations
MAY	27	Friday, 5:00 p.mSecond Semester Ends
MAY	28	SaturdayAlumni Day
MAY	29	SundayBaccalaureate Service
May	30	MondayCommencement
Summer Sessions—1960		
T	,	
JUNE	6	Monday Summer Session I Begins
JULY	4	Monday Independence Day (No Classes)
JULY	8	FridaySummer Session I Ends
JULY	11	MondaySummer Session II Begins
August	12	Friday Summer Session II Ends

History and Purpose

Elizabethtown College was founded by a group of men of the Church of the Brethren who had a common interest in higher education. On June 7, 1899, Elizabethtown was selected as the location for the College. A charter was secured on September 23, 1899. Ground was broken on July 10, 1900, for the first building, Alpha Hall. Classes started on November 13, 1900.

In the early years, the College was supported chiefly by individual contributors. But on April 26, 1917, the ownership and control was transferred to the Eastern District of Pennsylvania of the Church of the Brethren. On October 30 of the same year, the Southern District of Pennsylvania joined in the ownership and control of the College. The charter was amended accordingly and trustees elected by these two districts assumed the responsibility of directing the College on January 2, 1919.

Elizabethtown College was fully accredited by the State Council of Education of Pennsylvania on December 19, 1921, to confer the customary degrees in arts and sciences. The first baccalaureate degrees were conferred at the Commencement on June 8, 1922.

On May 5, 1948, Elizabethtown College was fully accredited by the Middle States Association of Colleges and Secondary Schools. On March 18, 1949, the New York State Department of Education also approved the College. The College holds membership in the Association of American Colleges and the American Council on Education.

The founders of the College stated in the original charter that the purpose of the College was "to give such harmonious development to the physical, mental, and moral powers of both sexes as will best fit them for the duties of life and promote their spiritual interests." In keeping with this philosophy the College has always offered her facilities without discrimination.

These general principles have formed the bases upon which the ideals of the founders and the Church of the Brethren have endeavored to carry on a program of Christian education.

These ideals expressed in more specific statements are as follows:

- (a) That men and women can serve God through any vocation which serves the needs of mankind.
- (b) That a man can give his best only when he keeps his mind as the master of his body.
- (c) That a clean body and a clear mind devoted to a high purpose are basic requirements for a Christian life.

- (d) That life in college calls for hard work and firmness of purpose.
- (e) That a college education is regarded not only as "preparation for life" but as life.
- (f) That genuine culture is the outcome of knowledge and Christian character rather than the result of the knowledge of certain subjects or the acquiring of skills.

In order to realize these ideals, Elizabethtown College has set up the following patterns:

Religious

Elizabethtown College endeavors to cultivate Christian attitudes and convictions in all students in all areas of life. Christ is held as the consummate revelation of God and the Saviour of mankind. The Bible is regarded as the inspired Word of God. The College encourages an atmosphere of spirituality conducive to the development of leaders for the Christian church. Each department aims to create an atmosphere sympathetic to the Church of Jesus Christ.

The student Christian organizations provide opportunity for students to participate in a large variety of religious activities. All students are required to attend chapel services, where, through the singing of the great hymns of the Church, the reading of the Scriptures and the lifting of hearts in prayer, students may learn to practice more fully the art of meditation and prayer so that they will form the habit of personal daily devotions and will practice it after they leave college.

Intellectual

Elizabethtown College aims to acquaint students with the cultural heritage of man and to enable them to interpret the spiritual and material achievements of the race necessary for intelligent participation in the affairs of modern society. The College therefore aims to have each student devote the first two years to a general education. The work of the last two years is set up to meet the requirements for entrance upon a vocation or further preparation. A number of well-outlined curricula are presented in the catalog so that students can make a careful study of requirements before entering upon a particular field of study.

Social

Elizabethtown College believes that the development of the basic social graces is essential in Christian education. The College aims to give guidance and aid for the cultivation of courtesy, refinement, forbearance and human understanding in the fine art of living with others. In keeping with the ideals of the Church of the Brethren,

which supports the College, it encourages a full social program directed toward the development of the highest kind of Christian character. Gambling and the use of alcoholic beverages are strictly forbidden.

Vocational

Elizabethtown College recognizes the importance of serving the interests and needs of its students. Various tests are administered to all students. A counseling system is maintained so that students can have access to the advice of any administrative officer and/or faculty member. Conferences and discussions setting forth the requirements and opportunities of various occupations are held from time to time. A number of courses, particularly in the junior and senior years, have a distinctly vocational emphasis. The College maintains a placement service for all of her graduates.

The College recognizes her obligations to the students not only so long as they are attending classes, but after they have completed their course of study. To this end a placement committee stands ready to help find suitable employment and to assist students who

wish to enter graduate or professional schools.

Christian education in Elizabethtown College means sound scholarship coupled with industry, personal purity, honesty, thrift and thoroughness. These are the basic principles of genuine culture. They constitute the foundation for an adequate education for our day.

Location

In the heart of the rich agricultural and industrial area of southeastern Pennsylyvania, Elizabethtown College is situated on a spacious campus in the southeastern section of Elizabethtown in Lancaster County.

The borough of Elizabethtown is equidistant (about 18 miles) from three county seats: Lancaster, Lebanon, and Harrisburg. It is about 22 miles from York. Elizabethtown has a population of 7,000. It is accessible by rail on the main line of the Pennsylvania Railroad, by automobile on Route 230, and by air via the Harrisburg Airport.

While enjoying the advantages of a small rural community, Elizabethtown is not too far removed from major metropolitan areas. It is 90 miles west of Philadelphia, 75 miles north of Baltimore, and 150 miles southwest of New York City.

The college is an integral part of the Elizabethtown community. Members of the faculty and staff participate in the various civic and social activities of the borough. College-sponsored lyceum programs and the facilities of the college library are available to the public.

Students and faculty members are invited to attend any of the eleven churches in the community. Faiths represented include Church of the Brethren, Brethren in Christ, Roman Catholic, Church of God, Lutheran, Mennonite, United Church of Christ, Mt. Calvary Independent, Evangelical United Brethren, United Zion, and Christian and Missionary Alliance. Churches of other denominational groups are near.

The Board of Trustees

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Dec. 31 Eastern Pennsylvania 1959 F. S. Carper, D.D. 1959 Joseph W. Kettering, B.S., C.P.A., D.C.S. 1960 Norman K. Musser 1960 John G. Hershey, A.B., B.D., A.M. 1960 Martha Bucher, B.S. 1960 S. Clyde Weaver 1961 S. Clyde Weaver 1961 Howard A. Merkey 1961 Carl W. Zeigler, A.B., A.M., B.D., D.D. 1970 Martha Bucher, B.S. 1981 Howard A. Merkey 1981 Carl W. Zeigler, A.B., A.M., B.D., D.D. 1982 Lebanon, Pa.
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1959 N. S. Sellers Lineboro, Pa. 1959 Jacob L. Miller York, Pa. 1960 Chester H. Royer, A.B., A.M. York, Pa. 1961 Cyrus G. Bucher, B.S. Biglerville, Pa.
Nominated by the Alumni Association
1959I. Wayne Keller, B.S., D.C.S.Lancaster, Pa.1960Ethel M. B. Wenger, A.B., A.M.Rexmont, Pa.1961Galen C. Kilhefner, B.S., Ed.M., Ed.D.Elizabethtown, Pa.
Nominated by the Board of Trustees
Horace E. Raffensperger, A.B., A.M., D.PedElizabethtown, Pa. John F. Sprenkel, B.S
COMMITTEES OF THE BOARD OF TRUSTEES
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The Chairman of the Board and the President of the College are ex-officio members of all committees.

The Faculty

A. C. BAUGHER, 1917-

President of the College

Pd.B., Elizabethtown College, 1917; A.B., Elizabethtown College, 1922; B.S., Franklin and Marshall College, 1922; M.S., University of Pennsylvania, 1928; Ph.D., New York University, 1937; LL.D., Franklin and Marshall College, 1949; Graduate Student, Columbia University.

ROY E. McAULEY, 1956-

Dean of the College

B.S., McPherson College, 1944; B.D., Bethany Biblical Seminary, 1946; M.A., University of Omaha, 1949; Ed.D., University of Denver, 1955.

Emeriti

J. Z. HERR

Emeritus Treasurer and Business Manager

B.E., Elizabethtown College, 1905; Columbia University.

MARTHA MARTIN

Emeritus Instructor in Bible

A.B., Elizabethtown College, 1924; Student, Bethany Biblical Seminary; Student, Biblical Seminary, New York; Graduate Student, University of Pennsylvania.

MARY B. REBER

Emeritus Instructor in Art

B.E., Elizabethtown College, 1905; Art Student, Albright College; Columbia University.

L. D. ROSE

Historical Research Assistant

A.B., Ursinus College, 1911; A.M., University of Pennsylvania, 1932; Graduate Student, University of Pennsylvania.

LUELLA FOGELSANGER ROWLAND

Emeritus Assistant Professor of Business Education

Pd.B., Elizabethtown College, 1906; Graduate Eastman Business College; A.B., Juniata College, 1926; M.S., Columbia University, 1933.

Professors

CHARLES S. APGAR, 1945—

Professor of Biology

B.S., University of Pittsburgh, 1926; M.S., University of Pittsburgh, 1927; Ph.D., University of Pittsburgh, 1930.

JAMES M. BERKEBILE, 1957—

Professor of Chemistry

A.B., Manchester College, 1934; A.M., The Ohio State University, 1935; Ph.D., The Ohio State University, 1951.

NEVIN W. FISHER, 1951-

Professor of Music

Graduate, Blue Ridge College, Department of Music-Piano, 1919, Voice, 1920; Peabody Conservatory of Music, Teacher's Certificate, 1922; B.M., Eastman School of Music, University of Rochester, 1940; M.Mus., Northwestern University, 1947; Columbia University and Julliard School of Music, Summer, 1950.

ALBERT L. GRAY, JR., 1951—

Professor of Business

B.S., Drexel Institute of Technology, 1939; M.B.A., Boston University 1940; Ph.D., University of Pennsylvania, 1958.

FREDERICK C. NEUMANN, 1945-

Professor of Language

Ph.D. (Language), University of Vienna, 1921; Ph.D. (Political Science), University of Vienna, 1927; Graduate Student, University of Prague, University of Bristol, and University of Richmond.

WILHELM REUNING, 1951—

Professor of History and Political Science

B.S., University of Pennsylvania, 1948; M.S., University of Pennsylvania, 1948; Ph.D., University of Pennsylvania, 1956.

RALPH WIEST SCHLOSSER, 1911-1929, 1930—

Professor of English

Pd.B., Elizabethtown College, 1911; A.B., Ursinus College, 1911; A.M., Columbia University, 1922; Litt.D., Ursinus College, 1932; Student, Bethany Biblical Seminary; Graduate Student, Columbia University; University of Pennsylvania.

O. F. STAMBAUGH, 1946-

Professor of Chemistry

B.S., Lebanon Valley College, 1930; M.S., The Pennsylvania State University, 1933; Ph.D., The Pennsylvania State University, 1943.

N. FRANKLIN STUMP, 1955-

Professor of Education

B.S., University of West Virginia, 1921; A.M., Yale University, 1923; Ph.D., Cornell University, 1935; Graduate Student, Columbia University and New York University.

Associate Professors

BESSIE D. APGAR, 1946--

Associate Professor of Biology

A.B., Muskingum College, 1923; M.S., University of Pittsburgh, 1926; Ph.D., University of Pennsylvania, 1934.

ROBERT A. BYERLY, 1951—

Associate Professor of Bible and Director of Religious Activities

A.B., Oklahoma A. and M. College, 1942; B.D., Bethany Biblical Seminary, 1946; A.M., Butler University, 1950; Graduate Student, Garrett Biblical Institute and Temple University.

VERA R. HACKMAN, 1944—

Dean of Women and Associate Professor of English

A.B., Elizabethtown College, 1925; A.M., Columbia University, 1936; Teachers' College Professional Diploma, Columbia University, 1950.

CARL E. HEILMAN, 1942-

Associate Professor of Mathematics

A.B., Lebanon Valley College, 1929; A.M., Duke University, 1940; Graduate Student, University of Chicago, Syracuse University, Temple University.

ELMER B. HOOVER, 1947-

Associate Professor of Education and Director of Teacher Training

B.S., Juniata College, 1937; M.Ed., The Pennsylvania State University, 1939; Graduate Student, The Pennsylvania State University.

LOUISE K. KELLY, 1952-54, 1957-

Associate Professor of English

A.B., Skidmore College, 1936; M.A., The Pennsylvania State University, 1938; Ph.D., The Pennsylvania State University, 1951.

EPHRAIM GIBBLE MEYER, 1921-

Brethren Historical Librarian

Pd.B., Elizabethtown College, 1919; Graduate Music Teachers' Course, Elizabethtown College, 1921; A.B., Elizabethtown College, 1924; Student American Conservatory of Music, Chicago; A.M., Columbia University, 1930; Diploma, Teacher of Public School Music, Columbia University, 1930; Graduate Student, Columbia University.

CHARLES A. RAHTER, 1958-

Associate Professor of English

A.B., Western Maryland College, 1949; M.A., University of Pennsylvania, 1951; Ph.D., University of Pennsylvania, 1958.

Assistant Professors

EDGAR T. BITTING, 1952—

Assistant Professor of Business

B.S., Elizabethtown College, 1950; M.B.A., University of Pennsylvania, 1952.

ELINOR EASTLACK, 1952—

Assistant Professor of Business Education

B.S., The Pennsylvania State University, 1945; M.Ed., The Pennsylvania State University, 1949.

CLARENCE G. ENTERLINE, 1956—

Assistant Professor of Business and Alumni Secretary

B.S., Albright College, 1933; M.S., University of Pennsylvania, 1936; Graduate Student, University of Pennsylvania, University of New Hampshire, University of Maine, The Pennsylvania State University.

MILDRED H. ENTERLINE, 1956-

Assistant Professor of English

A.B., Ursinus College, 1931; M.A., Northwestern University, 1938; Graduate Student, University of Pennsylvania, New York University, University of Maine, University of New Hampshire, The Pennsylvania State University.

D. PAUL GREENE, 1953—

Director of Admissions

A.B., Bridgewater College, 1946; B.D., Bethany Biblical Seminary, 1949.

ALICE S. HEILMAN, 1948—

Librarian

B.S., Towson State Teachers' College, 1945; B.L.S., Columbia University, 1948; Graduate Student, Temple University.

WARREN W. HOLLAND, 1957—

Assistant Professor of Business

B.S., University of Pennsylvania (Wharton School), 1928; Ed.M., Temple University, 1949.

EMILY C. RAHTER

Assistant Librarian

A.B., University of Mississippi, 1938; B.S. in L.S., Columbia University School of Library Service, 1946.

DONALD R. VOSBURGH

Assistant Professor of Sociology

B.S., Utica College of Syracuse University, 1951; A.M., Syracuse University, 1953; D.S.S., Syracuse University, 1958.

WILBUR E. WEAVER, 1943-1944, 1954-

Assistant Professor of Business and Assistant to the Treasurer

B.S., Elizabethtown College, 1937; M.Ed., Temple University, 1942.

Instructors

MARY P. ADAMS, 1958—

Instructor in History

B.A., Radford College, 1950; M.A., University of Virginia, 1952; Ph.D., University of Virginia, 1958.

HUBERT M. CUSTER, 1953—

Instructor in Physics

B.S., Carnegie Institute of Technology, 1944; Graduate Student, Franklin and Marshall College and University of Washington.

EMMA R. ENGLE, 1949-

Registrar and Instructor in English

A.B., Elizabethtown College, 1948; Student, Columbia University.

EDITH H. FELLENBAUM, 1957-

Instructor in Education

A.B., Gettysburg College, 1921; M.A., Johns Hopkins University, 1957.

IRA R. HERR, 1928-1929, 1932-

Director of Athletics and Instructor in Physical Education

A.B., Franklin and Marshall College, 1916; Graduate Student, University of Pennsylvania and Temple University.

KATHRYN N. HERR, 1946—

Instructor in French

A.B., Lebanon Valley College, 1925; School Library Certification, Temple University, 1930; French Institute, The Pennsylvania State University, Summer, 1936; Graduate Student, University of Pennsylvania, 1958.

EARL H. KURTZ, 1957-

Treasurer and Instructor in Business

B.S., Elizabethtown College, 1935; Temple University, Wharton School of Business of the University of Pennsylvania; M.A., New York University, 1938.

GERTRUDE ROYER MEYER, 1920-

Instructor in Piano

Graduate in Music, Western Maryland College, 1913; Student, Columbia University; Piano Clinic, New York City; Student, Peabody Conservatory of Music.

ELINOR B. NEUMANN, 1946—

Instructor in German and English

A.B., Swarthmore College; M.A., Middlebury College; Graduate Student, Westhampton College for Women and Goethe University of Frankfurt-am-Main.

JULIA A. RISSER, 1955—

Instructor in Physical Education

B.S., Lock Haven State Teachers College, 1954; Graduate Student, Northwestern University.

DONALD P. SMITH, 1954—

Instructor in Physical Education

B.S., University of Mississippi, 1950; Graduate Student, University of Mississippi.

ARMON C. SNOWDEN, 1957—

Instructor in Bible and Philosophy and Acting Dean of Men

A.B., Elizabethtown College, 1951; B.D., Crozer Theological Seminary, 1954; University of Pennsylvania, Duke University.

BRUCE M. TYNDALL, 1957-

Instructor in Mathematics

B.S., State University of Iowa, 1955; Roosevelt University; M.S., State University of Iowa, 1956.

JAMES L. M. YEINGST, 1957—

Instructor in Journalism and Director of Public Relations

A.B., Elizabethtown College, 1957.

Part-time Instructors

HENRY F. GINGRICH, 1951-

Part-time Instructor in Law

A.B., Elizabethtown College, 1949; LL.B., Temple University, 1952.

RICHARD L. HERSHEY, 1957—

Part-time Instructor in Physical Education

B.S., Franklin and Marshall, 1947; Massachusetts Institute of Technology.

PHARES H. HERTZOG, 1953—

Part-time Instructor in Chemistry

B.S., Bucknell University, 1910; M.A., Princeton University, 1914.

RAYMOND C. HIPPLE. 1956—

Part-time Instructor in Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

NOAH M. KLAUSS, 1956-

Director of the Band and Orchestra

Elizabethtown College

RICHARD F. KUNTZ, 1956-

Part-time Instructor in Accounting

B.S., Elizabethtown College, 1949; Certified Public Accountant, Pennsylvania, 1953.

CHARLES WILSON RECTOR, 1957—

Part-time Instructor in Physics

Ph.B., University of Chicago, 1946; S.B., University of Chicago, 1949; Graduate Student, Massachusetts Institute of Technology, Franklin and Marshall College.

HELEN J. SHEELY, 1955-

Part-time Instructor in Art

B.A., The Pennsylvania State University, 1944; B.S., Kutztown State Teachers' College, 1951.

CHARLES W. WEAVER, 1944-

Part-time Instructor in Medical Laboratory Technique

B.S., Elizabethtown College, 1926; M.D., Hahnemann Medical College, 1930; Member, Lancaster General Hospital Staff.

J. ATLEE YOUNG, 1957—

Part-time Instructor in Organ

Columbia College, Peabody Conservatory, Northwestern University, Christiansen Choral School.

Officers of Administration

A. C. BAUGHER, A.B., B.S., M.S., Ph.D., LL.D., President of the College

Roy E. McAuley, B.S., B.D., M.A., Ed.D Dean of the College
EARL H. KURTZ, B.S., M.A
WILBUR E. WEAVER, B.S., M.Ed Assistant to the Treasurer
D. PAUL GREENE, A.B., B.D Director of Admissions
VERA R. HACKMAN, A.B., A.M Dean of Women
Armon C. Snowden, A.B., B.D
ROBERT A. BYERLY, A.B., B.D., A.M.
Director of Religious Activities
ALICE S. HEILMAN, B.S., B.L.S
EMMA R. ENGLE, A.B Registrar and Secretary to the Faculty
IRA R. HERR, A.B
CLARENCE G. ENTERLINE, B.S., M.S
EMILY C. RAHTER, A.B., B.L.S
JAMES L. M. YINGST, A.B Director of Public Relations
NEVIN H. ZUCK, A.B., B.D., S.T.M., D.D College Pastor
E. G. MEYER, A.B., A.M. Director, Brethren Historical Library
L. D. Rose, A.B., A.M
BETTY J. HOLSINGER, B.SDietitian
J. Albert Seldomridge, A.B Director of Development Program
MARTHA DUNMIRE, R.N
ROBERT S. YOUNG
GRACE N. ALLAN
JESSIE K. COSNER
MARY Cox
Doris O. Lewis
J. Robert HollingerBookkeeper
MARTHA A. FARVER Secretary to the Treasurer
RUTH B. MUMAWSecretary, Admissions Office
GLADYS M. HIXSON Secretary to the Dean
Esther W. Rohrer
E. Lois Garber
RUTH OBER MILLER Secretary to the Registrar
EMMA V. HORNE Secretary, Development Office
THELMA R. BALMER Secretary, Alumni Office
SYLVIA A. HOLLINGER Secretary, Public Relations Office
MARY ANN SNAVELY
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Faculty Committees

Administration—A. C. BAUGHER, ROY E. McAULEY, EARL H. KURTZ, WILBUR E. WEAVER.

Admissions—D. Paul Greene, Dean of Instruction, Registrar, Dean of Women, and Dean of Men.

Counseling and Testing—Roy E. McAuley, N. Franklin Stump, Dean of Women, Dean of Men, Charles A. Rahter.

Instruction—Roy E. McAuley, Emma R. Engle, O. F. Stambaugh, Albert L. Gray, Jr., Elmer B. Hoover, Louise K. Kelly, Bruce M. Tyndall.

Student Housing—Earl H. Kurtz, Dean of Men, Dean of Women, Grace N. Allan, Jessie K. Cosner.

Food Service—Earl H. Kurtz, Dietitian, Director of Dining Room, Vera R. Hackman.

Religious Activities—Robert A. Byerly, Nevin W. Fisher, James M. Berkebile, Armon C. Snowden, A. C. Baugher, Nevin H. Zuck.

Social Activities—Vera R. Hackman, Grace N. Allan, Nevin W. Fisher, Edgar T. Bitting, Elinor Eastlack, Edith Fellenbaum, Mary P. Adams.

Placement—Clarence G. Enterline, Charles S. Apgar, Elmer B. Hoover, Albert L. Gray, Jr.

Publications—Administrative Committee, Director of Admissions, Alumni Secretary, Registrar, Director of Public Relations.

Community Cultural Programs—Nevin W. Fisher, Carl E. Heilman, Earl H. Kurtz, Edgar T. Bitting, Mildred H. Enterline, Robert A. Byerly, Robert C. Landis (from Patton School), and two students, one each selected by and from the Junior and Senior Classes.

Library—Alice S. Heilman, Emily C. Rahter, Wilhelm Reuning, Hubert M. Custer, W. W. Holland.

Athletics—WILBUR E. WEAVER, IRA R. HERR, and the coaches of the several sports.

Health—Julia A. Risser, Donald P. Smith, Charles E. Weaver, Vera R. Hackman, the College Nurse.

Special Events—Wilbur E. Weaver, Nevin W. Fisher, Vera R. Hackman, Mildred H. Enterline, Julia A. Risser, Ira R. Herr, the President of the Senior Class, and a member appointed by the Student Senate.

Academic Occasions—Albert L. Gray, Jr., Roy E. McAuley, Nevin W. Fisher, Emma R. Engle, Wilbur E. Weaver,

CARL E. HEILMAN, ARMON C. SNOWDEN.

Television and Radio Programs—James L. M. Yeingst, Roy E. McAuley, Wilhelm Reuning, C. G. Enterline, and Donald R. Vosburgh,

Academic Regulations

Admission Requirements

The Committee on Admissions attempts to select from the list of applicants those students whose records of character, health, and scholarship give evidence of their ability to do college work.

Although it is the aim of Elizabethtown College to give individualized attention to all applicants, the following principles are used by the committee in passing on applications for admission:

- 1. Graduation from a senior high school accredited by the Middle States Association of Colleges and Secondary Schools or by the Department of Education of the State in which the student lives.
- 2. Recommendation by the principal of the high school or secondary school.
- Completion of a minimum of fifteen units of secondary school work.

The requirements for admission to the freshman class are:

English units	Science	unit
History and Social Studies		
2 units	Mathematics2	units
Language 2 units	Others5	units

Candidates whose preparation does not precisely coincide with the foregoing distribution of units may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

- 4. An interview is recommended either on the campus, or with a representative of the College away from Elizabethtown.
- 5. It is strongly recommended that all applicants for admission to the freshman class take the Scholastic Aptitude Test given by the College Entrance Examination Board. In certain cases applicants may petition the Director of Admissions to substitute the Elizabethtown College Equivalent Examination, given on the campus, for the test described above.

The Scholastic Aptitude Test will be given in the morning on each of the following dates:

SaturdayFebruary	14,	1959
SaturdayMarch	14,	1959
SaturdayMay		
WednesdayAugust		
SaturdayDecembe		
SaturdayJanuar		

The application blank for the test and a Bulletin of Information may be obtained by writing to The College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey.

6. All students are required to submit a report of good health by the family physician, on a form provided by the College. Chest X-rays are required at two year intervals.

A person seeking admission should write to the Director of Admissions for an application blank.

Elizabethtown College is approved for the training of veterans under Public Laws 550 (Korean), 16 and 894 (Rehabilitation Acts), and 634 (War Orphans).

All veterans who are admitted under the provisions of one of the public laws must furnish the treasurer of the college with a certificate of eligibility and entitlement on the day of registration. This certificate is procured from the Regional Office of the Veterans Administration. Veterans are urged to apply for educational benefits several weeks before they expect to enter college.

The veteran is personally responsible to the college for the payment of fees on the regularly scheduled dates for payment.*

Admission to Advanced Standing

Students may be admitted to advanced standing not later than the beginning of the senior year as follows:

By Examination. Examinations are given only to those who have teaching experience or practical work in the subjects in which the examination is sought, or to those who have pursued such courses under approved instruction. Tests taken for advanced standing will be graded passing or failing. Neither letter grades nor quality points will be given.

From Other Colleges. Such students must present full credentials for both college and preparatory work and a letter of honorable dismissal.

The maximum number of credits accepted from another college will not exceed the fraction of the number required for graduation represented by the fraction of four years spent there. The maximum number of credits is not granted automatically.

The Curricula

Elizabethtown College offers courses of study leading to the following degrees:

Bachelor of Arts in Liberal Arts.

^{*} See page 87.

Bachelor of Science in:

(a) Science

- (e) Secondary Education
- (b) Medical Technology
- (f) Business Education

(c) Nursing

- (g) Business Administration
- (d) Elementary Education

Majors for A.B. in Liberal Arts

English—Thirty-two hours exclusive of English Composition and including Survey of English Literature, American Literature and Shakespeare.

History and Political Science—Twenty-eight to thirty-two hours exclusive of History of Civilization.

French—Eighteen hours.

Spanish-Eighteen hours.

German—Eighteen hours.

Bible and Philosophy—Three hours of Philosophy, three hours of Ethics, and eighteen hours of Bible exclusive of Biloab or 20ab.

Mathematics—Twenty-four hours.

Sociology—Eighteen hours.

Social Studies—History and at least one course in Economics, Sociology and Political Science—forty-two hours.

Majors for B.S. in Science

Biology Major—Eighteen to twenty-four semester hours beyond Biology 10a-b.

Mathematics Major—Twenty-four hours.

Chemistry Major—(see curriculum).

Majors for B.S. in Business

Accounting (see curriculum).

Business Administration (see curriculum).

Business Education (see curriculum).

Majors for B.S. in Education

Elementary Education (see curriculum).

Secondary Education (see curriculum).

Business Education (see curriculum).

For all teachers, Introduction to Education, Educational Psychology, Visual Education and Practice Teaching must be included in the minimum of twenty-four semester hours of education.

Student Program

The work of the freshman and sophomore years in each curriculum is to a large extent prescribed. This ensures a foundation in general education which enables the student to select his field of concentration wisely. A wide range of electives is offered beginning with the junior year.

Students are required to take all the prescribed courses of each year.

No student may change from one curriculum or course to another without permission from the Dean.

No credit will be granted for any work for which the student has not formally enrolled.

Credits

Credit is given for work successfully completed by the student and for which a grade of A, B, C, D, has been secured. The unit of credit is the semester hour, which signifies work completed in class meetings of one fifty-minute period or in the laboratory of two or three fifty-minute periods per week throughout a semester of sixteen to eighteen weeks or the equivalent in summer sessions.

Academic Requirements

The academic standing of a student is determined by his participation in the class session, the quality of his laboratory work and outside assignments as well as his success in quizzes and examinations. Grades are reported by the following system: A, excellent; B, good; C, average; D, poor; F, failing; W, with the grade earned at the time of withdrawal from class (This withdrawal must be approved by the adviser and the Dean. Withdrawal without approval effects automatically a grade of F); I, work incomplete. If a grade of I is not removed within one semester after the close of a course, the grade reported on the permanent record automatically becomes an F. The course must be repeated if credit is desired.

When quality point deficiencies occur, the dean will call the student for a conference.

A student who, at the close of any semester, fails to attain a cumulative quality point-credit ratio according to the following graduated scale is placed on academic probation: throughout the freshman year, 1.70; by the beginning of the sophomore year, 1.80; by the beginning of the junior year, 1.90; and by the beginning of the senior year, 2.00. A student on academic probation may be requested to withdraw from college anytime the Committees on Counseling and Admissions so decide after a consideration of the student's over-all situation.

A student who, at the close of any semester, has a quality point-credit ratio below 2.00 shall not be permitted to carry more than 15 semester hours, and below 3.00, more than 18 semester hours of college work. No student shall be permitted to carry more than 20 semester hours of college work in any one semester.

Class Standing and Requirements for Graduation

Class standing of students is determined on the basis of semester hours and quality points.

Sophomore standing requires 30 semester hours and 60 quality points.

Junior standing requires 60 semester hours and 120 quality points.

Senior standing requires 90 semester hours and 180 quality points.

In order to be eligible for graduation, students must have a credit quality point ratio of at least 2.00. Students transferring from other colleges must have a ratio of at least 2.00 in courses pursued at Elizabethtown College. Quality points are determined as follows:

Grade	Quality Points per S. H.
A	4
В	3
C	2
D	1
F	0

Before graduation all students are required to pass a competency examination in English. The examination is given at the beginning of the Junior year. Students who fail to meet minimum standards are required to take a non-credit remedial course before being re-examined.

The College reserves the right to require withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

A student's program and requirements for graduation shall be ruled by the catalog dated four years prior to his graduation.

A candidate for a degree must spend at least one year in residence in Elizabethtown College.

The minimum time requirement for earning a degree is three years and thirty weeks.

The minimum number of credits required of candidates for the Bachelor of Arts (A.B.) degree is 128 semester hours.

The minimum number of credits required of candidates for the Bachelor of Science (B.S.) degree is 128 semester hours, except in the curricula of Education in which 136 semester hours are required.

Courses in Bible are required of all students desiring a degree.

The completion of the required number of semester hours does not presuppose that the student is thereby eligible for the degree for which he is a candidate.

Candidates who have not satisfactorily met the moral and financial obligations incurred while in the pursuit of their college courses will not be recommended for a degree.

Degrees will not be granted in absentia without special permission by the Administrative Committee.

It is the responsibility of the candidate for a degree in May or at the close of the Summer Session to make formal application for the degree in writing to the Dean at least eight weeks before graduation.

All candidates for the degree are individually responsible to see that they have met all the requirements for graduation.

Honors

A student who earns from 3.50 to 3.74 times as many quality points as semester hours will be graduated with the distinction of "cum laude;" from 3.75 to 3.89, with the distinction of "magna cum laude;" and above 3.90, with the distinction of "summa cum laude."

To be eligible for honors, a transfer student must have a quality point-credit ratio on his total record and on his record at Elizabethtown College of not less than 3.50 and must have earned not less than 60 semester hours credit at Elizabethtown College. However, in determining the honor, only grades earned at Elizabethtown College will be used.

A dean's honor list is published each quarter for regular students. A student whose quality point-credit ratio is 3.50 or above during any quarter is eligible for Dean's List honors.

Absences

Regular and punctual attendance at all classes and laboratory periods is expected of all students.

Absences will be dealt with separately in each course. Students are permitted two cuts per credit in each course during the semester. It is urged that these cuts be utilized by students for valid reasons only. Should a student exceed the permitted number of absences, he must present an acceptable excuse to the instructor. In case such an excuse is unsatisfactory to the instructor the stu-

dent will automatically receive a grade no higher than "D" for the course in question unless the instructor recommends otherwise. All students exceeding the permitted number of cuts in any course will be reported to the Committee on Instruction.

Absences incurred on account of the illness of the student, the death of a relative, duty away from college as an official representative of the institution, or approved field trips are considered as excused absences if the student has incurred more than his permitted number of cuts during the course of the semester. Illness is recognized as such only upon a physician's signature.

Absences immediately preceding and immediately following catalogued vacations will be counted double.

For examinations given at times other than those regularly scheduled, students will be charged \$1.00 per semester hour, and for missed final examinations \$2.00 per semester hour will be charged except in cases of illness.

CURRICULA

Bachelor of Arts

The course in Liberal Arts has for its objective a comprehension of the meaning of life and the development of an appreciation of its beauty. It emphasizes cultural values.

The curriculum is also planned as a prerequisite for any of the learned professions or for later specialization in graduate study. The Liberal Arts degree is generally considered as preparation for librarians, journalists, lawyers, social workers, teachers and others.

The Ministry

The American Association of Theological Schools has adopted the following standard of requirements as a minimum list of fields of study with which a student should have acquaintance before beginning study in a seminary:

Basal:

English—Composition and Literature	8-12 S. H. 4- 6 S. H.
At least two of the following:	
History of Philosophy Ethics History Psychology	3 S. H. 3 S. H. 4- 6 S. H. 2- 3 S. H.
At least one of the following:	
Latin French German Spanish Natural Sciences—Physical or Biological Social Sciences	12-16 S. H. 4- 6 S. H. 4- 6 S. H.

Pre-Legal Preparation

On March 15, 1928, the Supreme Court of Pennsylvania approved the recommendation of the State Board of Law Examiners to place Elizabethtown College upon the list of colleges, degrees

from which are accepted for registration in lieu of preliminary examination. The course in Liberal Arts as outlined meets the pre-legal requirements of the State Board of Law Examiners.

The College recommends that the student who plans to enter the legal profession should follow a course leading to the Bachelor of Arts degree. This will make possible the election of courses in economics, business law, accounting, sociology, history, English, speech and other subjects.

It is also possible for graduates in B.S. in Science and B.S. in Business Administration to meet all the requirements for entrance to law schools. Such students should select their elective courses carefully in order to obtain as broad a background as possible.

Social Work

Students who desire to qualify as professional social workers should complete a four-year college course, and should have in addition at least one year of postgraduate work in an approved school of social work. Preferably, they should take the full two-year course in a school of social work, leading to the master's degree.

Students who wish to prepare for this field of study should follow the program as outlined for the Bachelor of Arts degree and should elect biology and arrange for at least 18 semester hours in sociology.

Preparation for Journalism

The College recommends the course leading to the Bachelor of Arts degree with an English major for those who are considering graduate work in the field of journalism and for those who plan to enter the field upon graduation. A broad background of liberal culture, a wide acquaintance with literature in its various forms, a knowledge of the mechanics of language, fundamental work in journalism and an extensive experience in writing provide a sound preparation for journalistic and literary endeavor. The student should make a careful choice of electives and should take advantage of opportunities for practical experience offered by the college publications.

Requirements for the Degree of A.B. in Liberal Arts

	Freshman Year	Semeste 1st	r hours
	Treshman Tear	Sem.	Sem.
En10ab Hi10ab Ps10ab	English Composition History of Civilization General Psychology Language	3 2 2 3 3 2	3 2 2 3 3 2
Bi10ab or 20ab PE10ab	Mathematics Bible Physical Education	3 2 1	3 2 1
Total		16	16
	Sophomore Year		
En20ab or 45ab Hi20a, 21b, 22a, 23b PE20ab	Survey of English Literature or World Literature European History (Any two courses) Language Economics or Sociology Science Physical Education	3 3 3 4 1	3 3 3 4 1
Total		17	17
	Junior Year		
Hi30ab	Literature	2	2
En38a	sylvania	3 2	3
	Bible Electives including requirements for		2
	major	9	9
Total		16	16
Senior Year			
Ph41a Ph41b PS41b	Introduction to Philosophy Ethics	3 12	3 3 9
Total		15	15

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods of Secondary Education (5), Visual Education (1), Practice Teaching (6).

Bachelor of Science

Bachelor of Science in Science

This course, which leads to the degree, Bachelor of Science in Science, is a broad general course emphasizing science and mathematics. The course permits opportunities for specialization in the fields of biology, chemistry, physics, and mathematics. It is designed for students who plan to enter graduate school, who wish to prepare to teach in the fields of science and mathematics, or who are looking forward to entrance upon the study of medicine, dentistry, pharmacy, engineering, or other scientific pursuit. The curriculum is planned so that a student may obtain undergraduate training necessary for graduate work in biology, chemistry, and physics.

Students who expect to take up graduate work in science should consult the head of the department in which they expect to do their graduate work to determine what courses are required as the necessary undergraduate preparation.

The Healing Arts

The field of healing arts includes medicine, dentistry, osteopathy, veterinary medicine, nursing and laboratory technology.

In view of the fact that leading schools of medicine, dentistry, and osteopathy have many more applicants for admission than they can accommodate, it is evident that no student should plan to enter with only the minimum requirements. It is strongly urged that all students who contemplate entering any of these fields take the full four years of the course in science as outlined. It is rare that the College recommends anyone who does not meet the requirements for a degree.

The following courses meet the minimum requirements as set forth by the Council on Medical Education and Hospitals:

Required subjects:

Biology	8 S. H.
Chemistry	12 S. H.
Physics	8 S. H.
English Composition	6 S. H.
Non-science subjects not including English	12 S. H.
Modern foreign language	12 S. H.

Subjects strongly urged:

A modern foreign language	6-12 S. H.
Advanced botany or zoology	3- 6 S. H.
Psychology or logic	3- 6 S. H.
Adv. math., including algebra and trigonometry.	3- 6 S. H.

Other suggested electives:

English, economics, history, sociology, political science, mathematics, Latin, physical chemistry.

The minimum requirements for medicine will also meet the requirements for entrance upon the study of dentistry, osteopathy, and veterinary medicine. This outline of courses will serve as a guide for students contemplating a vocation in the healing arts. Students are urged to acquaint themselves with the specific requirements of the institutions they expect to enter.

Pre-veterinary Medicine

In the light of advancing standards of professional education, it is strongly recommended that students who plan to study veterinary medicine devote not less than four years to their pre-veterinary medical education. The student should complete the course requirements for a Bachelor of Science degree with a major in either biology or chemistry.

Medical Technology

Students preparing for this vocation need to complete a minimum of 60 semester hours in college and pursue a twelve to eighteen month study in an approved hospital.

A student who completes the three year curriculum outlined for the field of medical technology will be granted a B.S. degree upon the completion of the training program as outlined by an approved hospital and upon meeting the certifying requirements of the Board of Registry of Medical Technologists.

The curriculum preparing students for medical technology in cooperation with accredited hospitals has been approved by the Board of Registry of Medical Technologists, American Society of Clinical Pathologists.

Nursing

In order to help meet the need for professional nurses trained beyond the minimum requirements, Elizabethtown College offers the degree, Bachelor of Science in Nursing. Students in this program will complete two years of work at Elizabethtown College. Upon the completion of a three-year nursing course in an accredited school of nursing and the passing of a state board examination for the R.N. degree, students may apply for the B.S. degree as indicated. Although individuals contemplating this five-year program are encouraged to complete their college work before entering a school of nursing, graduate nurses will receive full consideration for admission to college upon satisfying admission requirements.

Pre-engineering

Elizabethtown College offers a co-operative program in engineering whereby a student may achieve a degree in liberal arts from Elizabethtown College and also an engineering degree from The Pennsylvania State University.

The three-two year plan is designed to give the engineering student three years of undergraduate work in engineering at Elizabethtown College to be followed by two years at the cooperating institution. Upon the successful completion of the five-year program, the student will receive the two above named degrees.

Curriculums which Elizabethtown students will be qualified to enter at Penn State include aeronautical, civil, electrical, industrial, mechanical and sanitary engineering.

In order to be eligible for admission into the Pennsylvania State University, the student must be recommended by Elizabethtown College. The student will have the help of an adviser so that he may be properly guided toward the achievement of his goal.

Pre-engineering students interested in admission to universities other than The Pennsylvania State University should confer with the Dean in order to make proper arrangements with the school of their choice.

Pre-forestry

Elizabethtown College in cooperation with the School of Forestry, Duke University, offers a five-year program leading to a Master's Degree in Forestry.

A three-year program at Elizabethtown College is followed by a summer-and-two-year's course in the School of Forestry, Duke University. The curriculum at Elizabethtown College is prescribed to meet the prerequisites for the forestry phase of the five-year program.

Because of the high academic demands for graduate work essential to this course, a student who does not have a quality point-credit ratio of 2.0 by the end of his freshman year, and of 2.25 by the end of his sophomore year, should not continue in it.

Requirements for the B.S. Degree in Science

	Freshman Year	Semeste 1st Sem.	r hours 2d Sem.
En10ab Hi10ab	English Composition	3 2 3	3 2 3
Ch10a-b	Language	4 3	2 3 4 3 2
Ps10ab PE10ab	General Psychology	2 1	2 1
Total		18	18
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World Literature Mathematics Economics or Sociology Language Science Science	3 3 3 4 1	3 3 3 4 1
PE20ab	Physical Education		
Total		17	17
Junior Year			
En38a	History or Political Science*	3 2 2	3
Bi10ab or 20ab	Bible	8	10
Total		15	15
Senior Year			
Ph41a Ph41b	Introduction to Philosophy Ethics History or Political Science*	3	3
	Bible	2	3
	Electives including requirements for major	9	8
Total		14	14

Students preparing to teach are required to complete 136 semester hours including a minimum of 18 semester hours in education as follows: Introduction to Education (3), Educational Psychology (3), Principles and Methods in Secondary Education (5), Visual Education (1), Practice Teaching (6).

^{*} Every student is required to complete at least 3 semester hours in American History or Government. Teachers are required to take Hi30ab History of the United States and Pennsylvania.

Requirments for the B.S. Degree in Science Major in Chemistry *

	Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
En10ab Ch10a-b Ma14ab	English Composition General Inorganic Chemistry Mathematical Analysis Language Electives	3 4 5 3 3	3 4 5 3 3
Total		18	18
	Sophomore Year		
Ch20a Ch25b Ma20ab Phy20a-b	Qualitative Analysis Quantitative Analysis Calculus General Physics Language Electives	5 4 4 3 2	5 4 4 3 2
Total		18	18
	Junior Year		
Ch30a-b	Organic Chemistry Electives	4 14	4 14
Total		18	18
Senior Year			
Ch44a-b	Physical Chemistry Electives	4 14	4 14
Total		18	18

^{*} This constitutes a minimum major and will be approved when electives are taken to complete one of the following situations:

a. Secondary education certification.

c. A.C.S. standards including Chemistry 41, 45, 46, and German 20ab.

The following must be elected:

Survey of English Literature or World Literature	
Bible	6 hours
History (including Hi30a or b or PS41b)	6 hours
Physical Education	4 hours

Ten semester hours must be elected in these fields:

Psychology Philosophy Sociology Economics Ethics

b. Pre-medical preparation including Biology 10a-b, Biology 30, Biology 40b, and Biology 43b.

Requirements for the Degree of B.S. in Engineering and A.B. in Liberal Arts

En10ab Hi10ab Ch10a-b Phy17ab Ma14ab PE10ab	Freshman Year English Composition History of Civilization General Inorganic Chemistry Drawing and Descriptive Geometry Mathematical Analysis Physical Education	Semeste 1st Sem. 3 2 4 2 5 1 17	r hours 2d Sem. 3 2 4 2 5 1
	Sophomore Year		
Phy21a BA20a Ma20ab PE20ab En38a Phy22b	Mechanics Introduction to Economics Calculus Language Literature Physical Education Speech Heat and Sound	4 3 4 3 3 1	4 3 3 1 2 4
Total		18	17
	Junior Year		
Phy30a Phy40a Ma32a Ps10ab Phy31b Phy41b	Electricity and Magnetism Statics Differential Equations Language Bible * General Psychology Optics Dynamics History *	4 3 3 3 2 2	3 2 2 4 3 3
Total		17	17

^{*} To be selected in agreement with the adviser.

The fourth and fifth years must be satisfactorily completed in the field of engineering at Pennsylvania State University. Upon successfully completing the five-year program, the student will be eligible to receive an A.B. Degree from Elizabethtown College and a B.S. Degree from Pennsylvania State University.

Freshman Engineering students must provide themselves with an acceptable slide rule and a drawing kit. These items are available in the college bookstore.

Requirements for the Degree of B.S. in Science Major in Forestry

	Freshman Year	Semeste 1st Sem.	er hou r s 2 d Sem.
En10ab Hi10ab Ps10ab Ch15a-b Bi10ab or 20ab PE10ab Ma11a Ma12b	English Composition History of Civilization General Psychology Elementary College Chemistry Bible Physical Education College Algebra Trigonometry	3 2 2 4 2 1 3	3 2 2 4 2 1
Total		17	17
	Sophomore Year		
En20ab or 45ab Bio10a-b BA20a and 21b PE20ab Total	Survey of English Literature or World Literature General Biology Language Introduction to Economics and Advanced Economics** History * Physical Education	3 3 3 1 17	3 4 3 3 1 17
	Junior Year		
Phy20a-b PS41b So10a Ph41a Bio23b Ph41b	General Physics Language American National Government Introduction to Sociology Introduction to Philosophy Electives Plant Biology Ethics	4 3 3 3 5	4 3 3 4 3
Total		18	17

^{*} To be selected in agreement with the advisor.

Summer following Junior, and Senior Year

The fourth year is to be completed in the School of Forestry, Duke University. Upon the satisfactory completion of the course at the end of the fourth year and the successful passing of the examinations in this course, the student will receive the B.S. Degree in Science in the field of Forestry.

The student will then continue his fifth year of training in the School of Forestry, Duke University. Upon the satisfactory completion of the fifth year, he will be awarded the professional degree, Master of Forestry.

^{**} Both are recommended. BA20a is required.

Requirements for the Degree of B.S. in Medical Technology

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
En10ab Bio10a-b Ch10a-b Ps10ab PE10ab Ma11a Ma12b	English Composition General Biology General Inorganic Chemistry General Psychology Physical Education College Algebra Trigonometry	3 4 4 2 1 3	3 4 4 2 1
Total		17	17
	Sophomore Year		
En20ab or 45ab Hi10ab PE20ab Bi10ab or 20ab Ch20a Bi043a Ch25b Bi041b	Survey of English Literature or World Literature History of Civilization Physical Education Bible Qualitative Analysis Histological Technique Quantitative Analysis Microbiology	3 2 1 2 5 4	3 2 1 2 5 4
Total		17	17
	Junior Year		
Phy20a-b Ch30a-b	General Physics	4 4	4 4
Ph41a Ph41b	cluding Hi30a or b or PS41b) Introduction to Philosophy Ethics	3 3	6 3
Total		14	17

The fourth year is to be completed in an accredited school of training in Medical Technology. Upon the completion of such a course and the successful passing of the Registry Examination for medical technologists the B.S. degree will be conferred by Elizabethtown College.

Requirements for the Degree of B.S. in Nursing

	Freshman Year	Semester 1st Sem.	hours 2d Sem.
En10ab	English Composition	3	3
Ch15a-b	Elementary College Chemistry	4	4
Bio10a-b	General Biology	4 4 2 2 3	4 4 2 2
Hi10ab	History of Civilization	2	2
Ps10ab	General Psychology	2	2
So10a	Introduction to Sociology	3	
So21b	Social Problems		3
Total		18	18
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World		
	Literature	3	3 2
Billab or 20ab	Bible	3 2 3 1	2
Ma10 or 11a	Basic Mathematics or College Algebra.	3	
PE10ab	Physical Education	1	1
	History and/or Political Science (in-	2	_
	cluding 30a or b or PS41b)	3 3 3	6
D 404	Advanced Psychology or Sociology	3	
BA21a	Introduction to Economics	3	•
Ph41b	Ethics		3
Total		18	15

Upon the satisfactory completion of the two-year college course and the three-year nursing course at an approved nurses' training school, and the passing of a state board examination for the R.N. degree the student will be eligible for the degree of Bachelor of Science in Nursing from Elizabethtown College.

Teaching

Elizabethtown College is approved by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Business Education Elementary Education Secondary Education Special Education

Provisional College Certificate Elementary School Teachers

The provisional college certificate is issued to an applicant who has completed an approved four-year teacher educational curriculum in the elementary field and has been granted a baccalaureate degree from an accredited college. It is valid for three full years of teaching in any public school of the State of Pennsylvania. The course must include Introduction to Education, Educational Psychology, Elementary School Art, Elementary School Music, Health and Hygiene, plus additional courses to make a total of thirty hours in professional education.

The Bachelor of Science in Elementary Education degree meets all the stated requirements. A student, by careful planning, may also meet the requirements in the Bachelor of Arts degree program.

Elementary teacher certification requirements of other states may also be met at Elizabethtown College.

Secondary School Teachers of Academic Subjects

The provisional college certificate is issued to an applicant who has completed an approved four-year teacher education curriculum and has been granted a baccalaureate degree from an accredited college. It is valid for three full years of teaching in any public school of the State of Pennsylvania.

This certificate is based on the completion of eighteen or more semester hours of approved professional courses as follows: Introduction to Education, Educational Psychology, Student Teaching, and electives to be chosen from courses definitely related to teaching in the secondary schools. The Bachelor of Science in Secondary Education degree meets all these requirements. A student may also meet these requirements in various other B.S. degrees, and the degree, Bachelor of Arts.

In consultation with his adviser the student should familiarize himself with the specific subject matter requirements for the field in which he wishes to teach.

Special Education

Students may be certified for teaching the mentally handicapped by receiving regular certification and including the following courses:

Psychology of Exceptional Children Child Psychology Mental Hygiene Student Teaching in Special Education (1 hr.) Arts and Crafts for Special Classes Special Class Methods

Requirements for the Degree of B.S. in Education in Secondary Education

	•		
	Freshman Year	Sem. Semester 1st	Sem. hours 2d
En10ab Hi10ab Ps10ab PE10ab Ed10b	English Composition History of Civilization General Psychology Physical Education Introduction to Education	3 2 2 1	3 2 2 1 3
	Science* Mathematics or Language Electives	4 3 2 or 3	4 3
Total		17 or 18	18
	Sophomore Year		
En20ab PE20ab So10a	Survey of English Literature Physical Education Introduction to Sociology	3 1 3	3 1
Billab or 20ab	Bibled of interest for total of 16 to 18 s.h.)	2	2
BA21a	European History (for certification in Social Studies or History) Introduction to Economics (for certifi-	3	3
D11210	cation in Social Studies Mathematics (for certification in Mathe-	3	
	matics)	3	3
	guage)	3	3
	ences)	4	4
	Junior Year		
Hi30ab Ed31ab	History of the United States and Pennsylvania	3	3
Ed31av	Education	3	3
Ph41a En38a	Introduction to Philosophy	2	3
Ed32b	Visual Education	2	2
	Mathematics (for certification in Mathematics)	3	3
	ences)	4	4
	guage)	3 3	3

^{*} A student who wishes to be certified to teach two languages should begin both in the Freshman year and elect Science in the Sophomore year.

	Senior Year	Semeste 1st Sem.	er hours 2d Sem.
Ed42a	Professional Practicum and School Law	2	
Ed43a	Practice Teaching	8	
Ed38b	Educational Measurements*	3	
	Bible		2
Ed44b	History of Education*		3
Ph41b	Ethics		3
PS41b	American National Government		3
	Electives to complete total of 136 S. H. required for graduation		3

^{*} Either Ed38b or Ed44b is required.

Requirements for the Degree of B.S. in Education in Elementary Education

	Dicinculary Daubation	_	
	D 1 77		er hours
	Freshman Year	1st	2d
		Sem.	Sem.
En10ab	English Composition	3	3
Hi10ab	History of Civilization	2	2
Ps10ab	General Psychology	2	2
Billab or 20ab	Bible	2 2	2 2 2 1
PE10ab	Physical Education	1	1
Mu13a	Music Fundamentals	2	
Ed23b	Public School Music	_	2
Phy10a	Physical Science	3	_
Ed10b	Introduction to Education	•	3
Ed15b	Teaching of Geography		3
	Electives	3	•
Total		18	18
	Sophomore Year		
En20ab or 45ab			
Enzuav or 43av	Survey of English Literature or World	2	2
DE20 I	Literature	3	3
PE20ab	Physical Education	1	1
Bio10a-b	General Biology	4	4
Ed26ab	Teaching of Health and Hygiene	2	2 2
Ed27ab	Teaching of Public School Art	2 2 2	2
T: 1011	Bible	2	1
Ed21b	Curriculum in Arithmetic		3
P s2 2b	Child Psychology	2	3
	Electives	2	
Total		16	18
	Junior Year		

Hi30ab	History of the United States and Penn-		•
77.000	sylvania	3	3
Ed30a	Educational Psychology	3	
En38a	Speech	3 3 2 3 3	
So10a	Introduction to Sociology	3	
Ed35ab	Teaching of Language Arts	3	3
Ed32b	Visual Education		2
Ed37b	Curriculum in Science		3
En39b	Children's Literature		3 2 3 3 3
Ph41a	Introduction to Philosophy	_	3
Ed38b	Educational Measurements*	3	
T-4-1		17	
rotai		17	17
	Senior Year		
Ed41a	Principles of Elementary Education	2 2 8	
Ed42a	Professional Practicum and School Law	2	
Ed43a	Practice Teaching	8	
E d44 b	History of Education*		3
Ph41b	Ethics		3
PS 41 b	American National Government		3 3 3 8
	Electives	3	8
7 0 . •			
Total		15	17

^{*} Either Ed38b or Ed44b is required.

Department of Business

The Department of Business offers the following fields:

Business Administration

Business Administration—Accounting Major

Business Education—Teaching

Secretarial Science

Two-year certificate course in secretarial science

Two-year certificate course in medical secretarial science

The purpose of the curricula in Business is to provide students with basic methods of analysis and intellectual understanding so that they can clearly express a problem, formulate a plan of solution, and then verify the result to the end that society will benefit. Therefore stress is placed on the fundamental methodology of accounting, economics, finance, mathematics and human relations. All students of Business who receive a basic core of professional courses in business administration should be able to succeed in their chosen field. No student, however, is permitted to devote himself exclusively to business subjects, but must become acquainted with the cultural, scientific and humanitarian aspects of the world. Hence a balanced course is planned.

Business Administration

The curriculum in business admistration gives training in the fundamentals of business that will enable the student to obtain an intelligent understanding of the principles of business. It provides for an analysis of business and industrial facts, and for training in the ability to think through problems with which he will be confronted in later life.

A student planning to major in accounting will begin this subject in his freshman year and continue it in its various phases through his senior year. The indispensable courses in corporation finance, in money and banking, and in business law are begun in the junior year. Thus, it is seen that by following the program as outlined the student will obtain adequate training in accounting, without sacrificing general training.

A student planning to enter the managerial phase of business will include in his program courses in business law, marketing, accounting, salesmanship, business organization and management, and business statistics.

Requirements for the Degree of B.S. in Business Administration

	Freshman Year	Semester 1st Sem.	r hours 2d Sem.
En10ab Bi10ab or 20ab Ac11ab Hi10ab Ps10ab PE10ab Ma10a or 11a Ma15b or 17b	English Composition Bible Principles of Accounting History of Civilization General Psychology Physical Education Basic Mathematics or College Algebra Mathematics of Business or Mathematics of Finance	3 2 3 2 2 1 3	3 2 3 2 2 1
Total	mattes of 1 mattee	16	16
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World Literature	3 4	3 4
PE20ab BA20a BA21b	Physical Education	1 3	3
So10a	Accounting Introduction to Sociology Electives	3 3	3
Total		17	17
	Junior Year		
BA34ab BA36a BA36b	Business Law	3 3	3
D21300	HistoryBible	3	3 2 6
	Electives	<u> </u>	
Total		15	17
	Senior Year		
BA46a BA47a BA48b PS41h	Economic Geography	3 3 3	3
Ph41b BA46b	Ethics	6	3 3 6
Total		15	15

Requirements for the Degree of B.S. in Business Administration

Major in Accounting

Major in Accounting			
	Freshman Year	1st Sem.	er hours 2d Sem.
En10ab Bi10ab or 20ab Ac11ab Hi10ab Ps10ab PE10ab Ma10a or 11a Ma15b or 17b	English Composition Bible Principles of Accounting History of Civilization General Psychology Physical Education Basic Mathematics or College Algebra Mathematics of Business or Mathematics of Finance	3 2 3 2 2 1 3	3 2 3 2 2 1
Total		16	16
	Sophomore Year		
En20ab or 45ab Ac21ab BA20a BA21b	•	3 3 3	3 3 3
Solla	Science Introduction to Sociology Bible	4 3	4 2
PE20ab	Physical Education		1
Total	•••••	17	16
	Junior Year		
BA30a BA31b BA34ab BA36a BA36b Ac31a Ac31b	Money and Banking Corporation Finance Business Law Introduction to Statistics Advanced Business Statistics History Intermediate Accounting	3 3 3 3	3 3 3 3
BA35ab	Advanced Accounting	1	3 1
Total		16	16
	Senior Year		
BA47a BA48b	Personnel Administration Industrial and Labor Relations	3	3
PS41a Ph41b	American National Government Ethics	3	-
Ac41ab Ac42a Ac42b	Auditing Tax Accounting CPA Problems	3 3	3 3
BA41b	Statement Analysis	3	3 2 2
Total	•••••	15	16

Business Education—Teaching

Elizabethtown College, a pioneer in the State of Pennsylvania in its program of business teaching training, offers a curriculum leading to certification in this field.

In order to obtain the Provisional College Certificate issued by the State of Pennsylvania the applicant must be a graduate of an approved college or university and must have successfully completed at least 21 semester hours distributed as follows:

Introduction to Education	3	S.	H.
Education Psychology			
Professional Education including Methods	6	S.	Н.
Practice Teaching in Business Education			
History of the U. S. & Pennsylvania	3	S.	H.

Business subjects are written on the certificate on the satisfactory completion of the minimum number of semester hours in several subjects as indicated below:

Bookkeeping and Accounting	12 S. H.
Commercial or Economic Geography	6 S. H.
Commerical Law	
Commerical Arithmetic	
Office Practice	3 S. H.
Salesmanship	
Shorthand	9 S. H.
Typewriting	6 S. H.
Junior Business Training	
Economics	6 S. H.
Retail Selling	12 S. H.

Business English requires: (a) Twelve semester hours in English, plus (b) not less than two semester hours in Business English or Correspondence.

Requirements for the Degree of B.S. in Business Education

$Freshman\ Year & Semester\ hours \\ Sem. & Sem. \\ Sem. & $
Bit0ab or 20abBible22 $Ps10ab$ General Psychology22 $Ac11ab$ Principles of Accounting33Science44 $PE10ab$ Physical Education11 $Ma10a$ or 11aBasic Mathematics or College Algebra3 $Ma12b$ or 17bMathematics of Business or Mathematics of Finance3Total1818 $Sophomore\ Year$ $En20ab$ or 45abSurvey of English Literature or World Literature33 $Ac31a$ Intermediate Accounting3 $Ac25b$ Personal Income Tax Accounting3 $BA20a$ Introduction to Economics3 $BA21b$ Advanced Economics3
PE10abPhysical Education11 $Ma10a \ or \ 11a$ Basic Mathematics or College Algebra3 $Ma12b \ or \ 17b$ Mathematics of Business or Mathematics of Finance3Total1818Sophomore Year $En20ab \ or \ 45ab$ Survey of English Literature or World Literature3 $Ac31a$ Intermediate Accounting3 $Ac25b$ Personal Income Tax Accounting3 $BA20a$ Introduction to Economics3 $BA21b$ Advanced Economics3
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
En20ab or $45ab$ Survey of English Literature or World Literature3 33 $Ac31a$ Intermediate Accounting3 $Ac25b$ Personal Income Tax Accounting3 $BA20a$ Introduction to Economics3 $BA21b$ Advanced Economics3
Literature 3 3 Ac31a Intermediate Accounting 3 Ac25b Personal Income Tax Accounting 3 BA20a Introduction to Economics 3 BA21b Advanced Economics 3
Ac25bPersonal Income Tax Accounting3BA20aIntroduction to Economics3BA21bAdvanced Economics3
PE20ab Physical Education 1 1 Bible 2
Ed10b Introduction to Education
OPTION A SS10ab Elementary Gregg Shorthand*
Option B Electives in Business 5 5
Total
Junior Year
History of the United States and Penna. 3 3 BA34ab Business Law
Education Psychology
SS27b Business Correspondence
Ph41a Introduction to Philosophy
OPTION A SS23ab Advanced Gregg Shorthand
SS22a Advanced Typewriting 2 SS26b Secretarial Office Practice 2 Electives 2
OPTION B BA46a Economic Geography
BA46b World Resources and Industries
Total

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

	Senior Year		
Ed43a	Practice Teaching	8	
Ed42a	Professional Practicum and School Law	2	
Ed44a	Methods and Principles of Business		
	Education	3	
Ed32b	Visual Education		2
Ph41b	Ethics		3
PS41b	American National Government		3
	Electives	3	6
Total		16	14

Students desiring to teach Shorthand and Typing in secondary schools should select Option A, those desiring to teach business subjects other than Shorthand and Typing should select Option B.

Secretarial Science

A college trained secretary who has acquired a business and technical training along with some liberal arts courses, and who has a vital, gripping interest in what is happening in the complex business world, has an unexcelled opportunity to become a trusted confidential associate in business. The demand for such qualified

secretaries is constantly increasing.

The basic purpose of the curriculum in secretarial science at Elizabethtown College is to provide the student with cultural as well as technical courses. The two-year programs lead to certificates in Secretarial Science and in Medical Secretarial Science. Students who have had shorthand and typewriting before entering college and who pass an examination for advanced standing may elect other subjects.

At the end of the two-year program in Secretarial Science or two-year program in Medical Secretarial Science, a student desiring to complete a four-year degree curriculum can do so without loss of credits already earned. In two additional years the student can earn the degree of Bachelor of Science in Business Education and be qualified to teach in the secondary schools of the state.

Requirements for the Two-Year Course in Secretarial Science

		Semeste	er hours
	Freshman Year	1st Sem.	2d Sem.
En10ab	English Composition	3	3
SS10ab	Elementary Gregg Shorthand*	3	3
SS12ab	Elementary Typewriting*	2	2
Ac10ab	Accounting for Secretaries	3	3
Ps10ab	General Psychology	2	2
Billab or 20ab	Bible	3 2 3 2 2 1	$\bar{2}$
PE10ab	Physical Education	1	3 2 3 2 2 1
Total		16	16
	Sophomore Year		
En20ab or 45ab	Survey of English Literature or World		
0.000 1	Literature	3 3 2	3
SS23ab	Advanced Gregg Shorthand	3	3
SS22a	Advanced Typewriting	2	
SS27b	Business Correspondence		3 2
SS26b	Secretarial Office Practice	_	2
SS25a	Office Machine Practice	2 3 3	
BA21a	Introduction to Economics	3	
Ma10a or 11a	Basic Mathematics or Algebra	3	
Ma15b or 17b	Mathematics of Business or Mathematics		
	of Finance		3
	Electives		3
Total		16	17

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Medical Secretarial Science

An increasing demand for specially trained persons to act as secretaries for physicians, dentists, hospitals, and laboratories, has led Elizabethtown College to incorporate such training into its Business Department.

Although such work is so highly specialized that a four-year college course is most desirable for those planning to enter this profession, provision is made for those who feel they can give but two years to their training, to complete such work in that time as will enable them to obtain positions as medical secretaries. The curriculum is as follows:

	Freshman Year	Semeste 1st Sem.	er hours 2d Sem.
En10ab	English Composition		3
SS10ab	Elementary Gregg Shorthand *	3 2 4 3 2	
SS12ab	Typewriting *	$\tilde{2}$	3 2 4 3 2
Bio10a-b	General Biology	4	$\frac{7}{4}$
Ac10ab	Accounting for Secretaries	3	3
SS15ab	Medical Secretarial Techniques	2	2
PE10ab	Physical Education	1	1
Total		18	18
	Sophomore Year		
Billah or 20ah	Bible	2	2
SS22a	Advanced Typewriting	2 2 3	_
SS23ab	Advanced Gregg Shorthand	3	
SS26b	Secretarial Office Practice		2
Ch15a-b	Elementary College Chemistry	4	4
SS27b	Business Correspondence		2 4 3 2
Ps10ab	General Psychology	2	2
SS28a	Office Nursing and Laboratory Tech-		
	niques	3	_
SS24b	Medical Shorthand		3
Total		16	16

^{*} Students who have had shorthand and typewriting before coming to college, and who pass an examination for advanced standing, may elect other subjects.

Curriculum for Church Leadership Training

Upon completion of the following program, a student may receive from the Christian Education Commission of the General Brotherhood Board of the Church of the Brethren a College Level Leadership Training Certificate:

Required Courses:

	Hours
One year of Bible	6
General Psychology	3
Educational Psychology	3
Principles and Administration of Christian Education	3
Audio-Visual Education	2

Elective Courses:

Six semester hours chosen from among the following courses: Philosophy of Religion, Philosophy of the Christian Religion, Great Christian Doctrines, History of the Christian Church, History of the Church of the Brethren, Child Psychology, Social Psychology, Psychology of Religion, History of Religion.

Required Experience:

One year's experience in church school work, while in college, under the supervision of capable leadership.

Opportunity for Summer Study

Elizabethtown College conducts two five-week summer sessions.

Summer sessions are organized for students who for urgent reasons wish to devote their summers to study. In each term a student may enroll for two three-semester-hour courses. It is possible for a student to earn twelve semester hours of credit toward a degree by attending both sessions. In three full summers a student may complete the equivalent of a year's work.

Part-time Campus Courses

Teachers-in-service and others who can qualify for entrance into college may enroll for courses for which there may be a sufficient demand to justify the organization of a class.

Evening classes are organized for persons who find it possible to carry on further preparation during their spare time. Such part-time campus study may be counted as fulfilling residence requirements at the rate of one week per semester hour of credit earned.

A program of adult education is provided for those who wish to become more efficient in their jobs or wish to take courses for their practical or cultural value. Courses in any of the areas listed in this catalog will be offered depending upon demand.

Short-unit courses may be mapped out for those who wish to prepare within a very limited time for some specific type of work. This may be done on a credit or non-credit basis, again depending upon the demand.

Anyone interested in any of the above plans should write to the Dean of Instruction.

Harrisburg Area Center for Higher Education

In cooperation with the Pennsylvania State University, Temple University, the University of Pennsylvania, and Lebanon Valley College, Elizabethtown College offers accredited college level courses in Harrisburg through the Harrisburg Area Center for Higher Education. Late afternoon, evening, and Saturday classes are available at the John Harris High School, Market and Hale Streets, Harrisburg, Pennsylvania. Students interested in course offerings should contact the Center Office, 204 Dauphin Building, Harrisburg, Pennsylvania; telephone, CEdar 2-8083.

Courses of Instruction

In the designation of courses of study, the numbers 10, 20, 30, and 40 represent the four years; namely, Freshman, Sophomore, Junior, and Senior respectively. The letter "a" signifies the work of the first semester and "b" the work of the second semester. The letters "ab" affixed to course numbers represent year courses. A hyphen between the letters "a" and "b" indicates that the first semester of a course is prerequisite to the second semester.

Bible and Philosophy

Associate Professor Byerly, Mr. Snowden, and Miss Martin

A. Bible

Bi10ab Survey of Biblical History—The aim of this course is to acquaint the student in a general way with the Bible as a whole. It is a foundation course for subsequent study of the Bible as the inspired word of God.

Two hours per week

4 credits

Bi20ab Biblical Literature—During the first semester the student is introduced to Old Testament literature. A brief study of the different literary types of Old Testament books is followed by a study of selections from the three main kinds of Hebrew literature—the Psalms, Wisdom Literature, and Prophetic Literature. During the second semester an introduction to New Testament literature is offered.

Two hours per week

4 credits

Bi22a The Bible and Modern Problems—This is a study of Biblical teachings regarding social, political, and economic problems. The course deals with the historical setting of the teachings as well as their relevance to contemporary problems.

Three hours per week

3 credits

Bi23b History of the Christian Church—This course is a survey of the Christian Church starting with the First Century and ending with a brief study of present day trends and movements within the Church. The development of Christian thought as well as a study of historical incidents will be included in the scope of the course.

Three hours per week

Bi25a Psychology of Religion—A study of the origin and growth of religion in the life of the individual. Prayer, conversion, worship and other religious experiences are considered. Two hours per week

The Teachings of Jesus—A brief survey is made of the times in which Jesus lived. Many of His teachings are studied in the light of their context and of their application to daily life. Two hours per week 2 credits

Bi31b Apostolic Christianity—A study of the establishment of the Christian Church and the spread of Christianity as recorded in the Acts of the Apostles and in the Epistles.

Two hours per week

2 credits

Comparative Religions—This course is an introductory study of the major religions of the world. Specific attention is given to the origin, characteristics, and contributions of these religions as studied against our background of Christianity.

Three hours per week

3 credits

Prerequisite: 6 semester hours in Bible

Offered 1960-1961

Bi40a The Christian Faith-This is an introduction to the basic Biblical doctrines of the Christian religion. The central doctrines of the Bible are studied; such as God, man, sin, Christ and the Church.

Three hours per week Prerequisite: Bi10ab

3 credits

B. Christian Education

CE10a Principles and Administration of Christian Education-An effort will be made to apply the fundamentals of religious education to problems arising in the home, and to methods of work in the Church, the school, the Sunday School, and to other means used in the community for the Christian education of children and adults.

Three hours per week

3 credits

CE11b Standards and Methods in Christian Education-This course naturally follows the more general one on principles and administration of religious education. It aims to uphold true Biblical standards of Christian education and service. 2 credits Two hours per week

Prerequisite: CE10a

CE33b History and Program of the Church of the Brethren-This course is designed to acquaint students with the historical background of the Church of the Brethren and to give them a comprehensive view of the present program of the church. Lectures, discussion, special assignments and projects will be utilized. Field trips will be regular parts of the course. Guest speakers, representing different phases of the church program, will contribute to the course.

Three hours per week

3 credits

C. Philosophy

Ph41a Introduction to Philosophy—This course is an introductory view of the leading systems of philosophic thought from the Greek schools down to the present time. It is designed to develop the ability necessary to evaluate current theories of the universe and to formulate a sound philosophy of life.

Three hours per week

3 credits

Ph41b Ethics—This course is an introductory study of the theory and practice of ethical ideals with special emphasis on the problems of personal and public morality as stated in the teachings of Jesus.

Three hours per week

3 credits

Ph42 Seminar in Philosophy and Religion—An intensive study of a special area of inquiry within the fields of Philosophy and Religion. Extensive reading will be required.

Two hours per week

2 credits

Prerequisite: 10 semester hours in Bible and Philosophy and permission of the instructor

By appointment

Biology

PROFESSOR CHARLES APGAR, ASSOCIATE PROFESSOR BESSIE APGAR, AND DR. CHARLES WEAVER

Bio10a-b General Biology—This is a study of the science of life, its concepts and principles attained through the study of the structure, function and life histories of representative animals and plants. It must be taken as a one-year course.

Three hours recitation and two hours laboratory per week 8 credits Laboratory fee, \$8.00 per semester

Medical Secretarial Techniques—(See Secretarial Science 15ab).

Office Nursing and Laboratory Techniques—(See Secretarial Science 28a).

Bio23b Plant Biology—Basic studies in the field of Botany as a foundation for the advanced study of plant life.

Laboratory fee, \$8.00 Prerequisite: Bio10a-b

Two hours lecture and four hours laboratory per week

4 credits

Bio30a Comparative Anatomy of Vertebrates—This course deals with a detailed comparative study of the morphology of vertebrate organ systems in representative species.

Prerequisite: Bio10a-b, Laboratory fee, \$8.00

Two hours lecture and four hours laboratory per week

4 credits

Bio31a General Physiology—This deals with the basic elements that make the machinery of the body function. It shows the purpose of anatomy. The laboratory includes the performance of selected problems in relation to the lecture material.

Laboratory fee, \$8.00

Prerequisite: Bio10a-b, Ch10a-b, Bio30a

Two hours recitation and two hours laboratory per week 3 credits

Bio40b Mammalian Anatomy—Comprehensive anatomy of the domestic cat.

Laboratory fee, \$10.00 plus cost of cat

Prerequisite: Bio10a-b

One hour lecture and four hours laboratory per week

3 credits

Bio41b Microbiology—This course introduces the student to the general principles and techniques of the study of microörganisms. The history and development of Bacteriology and its concept of disease, hygiene, and industrial uses are covered. The laboratory work includes the preparation of media, the culture of bacteria, the staining and study of the organism, and specific problems.

Laboratory fee, \$10.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and four hours laboratory per week

4 credits

Bio42b Embryology—This is a study of the comparative vertebrate development from the fertilized egg to the formation of the principal organs of the body, and the histological differentiation of the tissues.

Laboratory fee, \$10.00

Prerequisite: Bio10a-b and 43a

Two hours recitation and four hours laboratory per week 4 credits

Bio43a Histological Technique—This course gives the student basic training in the preparation of plant and animal tissue for study under the microscope. From killing the specimen and selecting the tissue to the final labeling and storing of the slides, the student pursues an exacting technique.

Laboratory fee, \$10.00

Prerequisite: Bio10a-b and Ch10a-b

Two hours lecture and four hours laboratory per week

4 credits

Bio43b Histology—The study of cells as organized into the tissues and organs of representative vertebrates.

Prerequisite: Bio31a, 40b and 43a

Laboratory fee, \$8.00

One hour lecture and four hours laboratory per week

3 credits

Bio48 Techniques in Biology—Offered to acquaint the prospective teacher and graduate student with some of the methods relative to preparing demonstrations, collecting and preserving materials and related techniques.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Bio49 Special Problems in Biology—Designed to afford the advanced student with an opportunity to become acquainted with the problems involved in individual work.

Prerequisite: Not less than 16 credits in Biology and permission of the instructor

By appointment

Laboratory fees and credits variable

Business

PROFESSOR GRAY, ASSISTANT PROFESSORS BITTING, EASTLACK, ENTERLINE, HOLLAND, AND WEAVER, AND MR. GINGRICH AND MR. KURTZ

Accounting

Ac10ab Accounting for Secretaries—This course is designed to meet the special needs of students enrolled in the secretarial courses. Emphasis is placed upon record keeping and book-keeping for service type businesses and professional employers.

Two hours lecture and two hours laboratory per week 6 credits

Ac11ab Principles of Accounting—Includes a thorough study of the principles of debit and credit; analysis and the use of

journals and ledgers; financial statements; controlling accounts and subsidiary ledgers; voucher system; partnership formation, operation and dissolution; corporation formation records, accounts, stocks and bonds; departmental accountings; and branch accounting. Problems and a practice set will be used to illustrate the principles.

Two hours lecture and two hours laboratory per week

6 credits

Ac21ab Cost Accounting—This course is designed to give thorough study to accounting for a manufacturing concern. In the first semester emphasis will be placed upon the elements of cost and their use in job-order and process cost systems. The second semester will be devoted to cost control by management. Various tools used are budgets, standard costs, reports, breakeven analysis. An introduction to direct costing will also be presented. Two practice sets—one on the job-order system and the other on standard costs—will be used.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

6 credits

Ac25a Introduction to Cost Accounting—This course includes a survey of the elements of costs, their application in job order and process cost accounting systems. Adoption of standard costs completes this course. A practice set and problems are used to illustrate the principles.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

3 credits

Ac25b Personal Income Tax Accounting—This survey course covers problems in preparation of individual income tax returns. Encompassed in this course is a study of what constitutes income and expense, and where they are properly reported upon the forms. Tax saving devices as they pertain to individuals concludes this course. Problems will be presented to be worked on the actual tax forms.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

3 credits

Ac31a Intermediate Accounting—A thorough study is made of the use, composition and variations of accounting methods in connection with the following accounts: cash, receivables, inventories, fixed assets and valuation accounts, investments, and liabilities. Consideration of the prevailing accounting theories in determining net income and the use of fund statements completes this course.

Prerequisite: Ac11ab

Two hours lecture and two hours laboratory per week

Ac31b Advanced Accounting—A detailed study of accounting for partnerships and corporations is made. Also included are various methods of closing the books, clean surplus theory, comparative statements, analysis of working capital, insurance, installment sales, and an introduction into accounting for consolidations.

Prerequisite: Ac31a

Two hours lecture and two hours laboratory per week

3 credits

Ac41ab Auditing—This course includes an extensive analysis of the responsibilities and work of an auditor, the purpose and kinds of audits, preparatory analysis and considerations, systems of internal check, consolidated statements, auditors' reports, investigations, and auditors' certificates. An audit case problem will be completed.

Prerequisite: Ac31ab

Two hours lecture and two hours laboratory per week

6 credits

Ac42a Tax Accounting—Advanced students will study the important provisions of the Federal Tax law pertaining to individuals, partnerships and corporations, using illustrative examples, selected questions and problems, and the preparation of returns.

Prerequisite: Ac31ab

Three hours lecture per week

3 credits

Ac42b C.P.A. Problems—A course designed especially for students of advanced accounting who are planning to take state examinations for qualification as Certified Public Accountants.

Prerequisite: Ac31ab

Three hours lecture per week

3 credits

Business Administration and Business Education

Basic Mathematics—(See Mathematics 10a).

Mathematics of Businsss—(See Mathematics 15b).

Mathematics of Finance—(See Mathematics 17b).

BA20a Intoduction to Economics—A beginning course in the principles and problems of economics including discussions on production, monopoly, public finance, national income, money, banking business cycles: macroeconomics.

Three hours per week

BA21b Advanced Economics—This is a course in microeconomics with emphasis upon value, price, supply and demand, wages, rent, interest and profits.

Prerequisite: BA20a Three hours per week

3 credits

BA25b Marketing—The work of the course emphasizes the meaning and importance of marketing distribution and cites leading examples of commodity marketing. Transportation as it is related to marketing, storage, standardization and grading, the services performed by brokers, sales agents, auctions, wholesalers and different types of retailers, as well as cooperative marketing, trade associations, and fair competition are considered.

Three hours per week

3 credits

BA30a Money and Banking—This course provides a general understanding of the monetary system and the credit and banking system of the United States. Emphasis is placed on the Federal Reserve System, government fiscal policy, debt management, credit control and other monetary problems.

Three hours per week

3 credits

- BA31b Corporation Finance—The aim of this course is to provide an understanding of the nature and development of the corporate form of business enterprise. The characteristics of the various types of securities, the part played by each type in the capital structure of the corporation, and the manner of issuance and sale will be considered, as will the growing importance of the corporation as a form of business organization. Three hours per week

 3 credits
- BA32a Office Management—American business practices today reveal the increased importance of effective office management. The course is designed to introduce the student to some of the current practices including layout, work flow, forms control, correspondence, work simplification, equipment and the selection and training of office employees.

Three hours per week

3 credits

BA34ab Business Law—This is a course in the law of business and its administration. It includes a study of the general principles of the law of contract, including formation, operation, interpretation, and discharge of contracts; and of agency, employer and employee, negotiable instruments, suretyship, and insurance. The last half of the course will deal with bailments, carriers, sales, partnership, corporations, property, deeds of conveyance, mortgages, torts, and business crimes.

Three hours per week

BA35ab Advanced Business Law—The emphasis of this course is upon the principles of law as they apply to the field of accounting. Cases will be studied and typical C.P.A. law problems will be reviewed. Students majoring in accounting are urged to take this course in the semesters they are enrolled in BA34ab.

One hour per week

2 credits

BA36a Introduction to Statistics—The viewpoint of the businessman is kept in mind, since the objective of the course is to train the student to use statistics in the analysis of business problems. The subject matter covers elementary theory, presentation and analysis of statistics in business, collection and presentation of statistical data, tabulation, graphs, frequency curves, dispersions, sampling and probability.

Fee, \$4.00

Prerequisite: 1 year of college mathematics

Three hours per week

3 credits

BA36b Advanced Business Statistics—This course includes the methodology of time series analysis including the trend, the cyclical fluctuations and the seasonal variation; the methods of correlation analysis.

Fee, \$4.00

Prerequisite BA36a

Three hours per week

3 credits

BA39a Industrial Marketing—The marketing of industrial products represents a growing and important aspect of our system of distribution. Students will study some of the problems related to the various channels of distribution, product design, market research, pricing and marketing management.

Prerequisite: BA25b

Three hours lecture per week

3 credits

BA39b Principles of Retailing—This course is an introduction into one of the biggest fields of business in the United States. The origin and development of retailing, types of retail stores, the place of retailing in the structure of distribution, store organization, and personnel management are among the topics studied.

Three hours per week

3 credits

BA41b Statement Analysis—This is an advanced course that unifies some of the work of corporation finance and advanced accounting with an emphasis upon the practical problems of the analysis of financial statements.

Prerequisite: Ac31ab and BA31b

Two hours per week

Economic History of the United States—(See History 31a).

BA42a Advertising—The fundamental principles of advertising are studied. The relation of advertising to business is stressed, and a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement, and the selection of media is made.

Three hours per week

3 credits

BA42b Business Research Thesis—This course is offered in order to give seniors an opportunity to engage in independent study and research on a problem or topic in the field of business. Guidance will be given by the student's major professor. Copies of the thesis must also be acceptable for inclusion in the College library.

By appointment

3 credits

BA43b Salesmanship—This course deals with the principles of personal salesmanship including preparation for and obtaining the interview; constructing and presenting the sales talk; steps in making and closing the sales; prospecting; and techniques used in selling. Numerous sales demonstrations and talks are given by the students. Practical problems are presented for solution.

Three hours per week

3 credits

BA46a Economic Geography—The relation of climate and topography to human economic activity will be studied. Land forms of the world, climate regions and agriculture are the major topics of this course.

Three hours per week

3 credits

BA46b World Resources and Industries—This course studies the location and utilization of minerals around the world and analyzes the economic aspects of the major industries of the United States.

Three hours per week

3 credits

BA47a Personnel Administration—The case method of study is used in this course so that the student can examine actual personnel situations as they occur in industry. Cases discussed involve problems in absenteeism, incentives, wage differences, grievance, promotions, personality adjustments, communications and executive development.

Three hours per week

3 credits

BA48b Industrial and Labor Relations—The course includes an evaluation of the historical development of the union movement and the collective bargaining process. A study is made of union-management relationships, of procedures for the alleviation of tension, alternatives to force, and of the role of government participation and control for the realization of industrial peace.

Three hours per week

3 credits

BA49b Economic Problems—Lectures and discussions are concerned with the application of economic principles to such problems as inflation and deflation, full employment, economic stagnation, credit control, monopolies, and controlled economies.

Prerequisite: BA21b Three hours per week

3 credits

Secretarial Science and Business Education

SS10ab Elementary Gregg Shorthand—This is the elementary division of an intensive study of shorthand in which emphasis is placed upon theory application, phrasing, dictation of connected matter, reading from shorthand plates, vocabulary building, and upon the dictation and transcription of new material at varying rates of speed.

Three hours per week

6 credits

SS12ab Elementary Typewriting—The aim of this course is to train the student in fundamental typewriting technique. Machine operation, keyboard technique, frequent word drills, letter forms, tabulations, manuscript set-up, the preparation of business and legal papers, speed and accuracy building will constitute the program.

Fee, \$10.00 per semester Four hours per week

4 credits

SS15ab Medical Secretarial Techniques—This is a specialized course that prepares a secretary to render efficient, useful service to physicians, dentists and hospitals. Among the subjects included are medical economics, medical ethics, medical accounts and records, terminology of case histories, clinical reports, autopsy protocols and insurance forms.

Two hours per week

4 credits

SS22a Advanced Typewriting—The aim of this course is to develop typists who meet the test that business gives them; namely, rapid production of commercially acceptable and mailable copy.

Fee, \$10.00

Three hours per week

SS23ab Advanced Gregg Shorthand—This course consists of dictation and transcription with a thorough review of shorthand theory. Through dictation and transcription covering a wide range of businesses, the student develops the vocabulary, speed, and accuracy demanded in business and professional offices. Special emphasis is given to shorthand penmanship, and to vocabulary and advanced phrase building.

Three hours per week

6 credits

SS24b Medical Shorthand—This course is designed to familiarize students with the highly specialized technical vocabulary used in the medical professions. Both dictation and transcription of Gregg Shorthand will be used.

Three hours per week

3 credits

SS25a Office Machine Practice—Instruction and practice in the use of modern office machines such as Comptometers, the Sundstrand, the Burroughs, the Monroe and the Friden, stencil and liquid duplicators, the electric typewriter.

Fee, \$8.00

Three hours per week

2 credits

SS26b Secretarial Office Practice—Secretarial duties common to all fields of business are considered. Through lectures, research assignments, job sheets, and laboratory exercises the student becomes familiar with modern office practice. Special attention is given to filing, handling of mail, editing and proof reading, duties of the receptionist, the study of business ethics and the use of reference books.

Fee. \$4.00

Prerequisite: SS10ab Three hours per week

2 credits

SS27b Business Correspondence—Effective communication of ideas and information in the modern business world is the aim of this course. Such conveyors of messages as the letter, the report, the advertisement, and inquiry forms—such as the interview and the questionnaire—are studied. A study of the mechanics of correct and effective English usage is also made.

Three hours per week

3 credits

SS28a Office Nursing and Laboratory Technique—This course is designed to acquaint the student with the nursing problems found in a physician's office and with clinical laboratory methods. Instruction is given in medical history taking, preparation for examinations and treatment, preparation and care of office instruments and supplies, bandaging, handling emergencies, giving hypodermics, and other nursing procedures.

Urinalysis and blood counting are taught as well as the techniques for determining coagulation rate, bleeding time, sedimentation rate, and blood sugar.

Fee, \$10.00

Two hours lecture and two hours laboratory per week

3 credits

Chemistry and Geology

Professors Stambaugh, Baugher, and Berkebile, and Mr. Hertzog

Ch10a-b General Inorganic Chemistry—This course considers the fundamental laws and principles of chemistry as well as a thorough study of the elements. It is to be taken by those students who will continue with further courses in chemistry.

Prerequisite: High School Algebra Laboratory fee, \$10.00 per semester

Three hours lecture and recitation and three hours laboratory per week

8 credits

Ch15a-b Elementary College Chemistry—This course is similar to Chemistry 10a-b in content. It may be taken by Liberal Arts, Education, and other students desiring a terminal course in chemistry.

Laboratory fee, \$10.00 per semester

Three hours lecture and recitation and three hours laboratory per week

8 credits

Ch20a Qualitative Analysis—In this course a study is made of the systematic separation and detection of all the common metals and acid radicals. The work covers the theory of qualitative analysis, laboratory analyses and chemical calculations.

Prerequisite: Ch10ab and Ma11a or equivalent. Laboratory fee, \$15.00 Three hours recitation and six hours laboratory per week 5 credits

Ch25b Quantitative Analysis—A study of the methods and principles of quantitative analysis, including gravimetric, volumetric and colorimetric determinations of alloys, ores, limestone, and commercial products is made.

Prerequisite: Ch20a. Laboratory fee, \$12.50

Three hours recitation and six hours laboratory per week 5 credits

Ch30a-b Organic Chemistry—Carbon compounds including both aliphatic and aromatic hydrocarbon derivatives and type reactions are carefully studied. The source and importance of organic compounds prominent in industry are treated. Special stress is laid upon meeting the needs of the premedical student. Prerequisite: Ch10a-b, 20a and 25b. Laboratory fee, \$12.50 per semester Three hours recitation and three hours laboratory per week 8 credits

Ch41a Advanced Quantitative Analysis—This course is designed to meet the requirements of the individual student. Work may be elected by the student from the following fields: ferrous or nonferrous alloys, rock, food, feed, fertilizer, paints, petroleum, and others for analysis. Commercial samples will be used for the analysis.

Prerequisite: Ch25b. Laboratory fee, \$12.50

Two hours lecture and a minimum of eight hours laboratory per week

4 credit

Ch44a-b Physical Chemistry—This course is an expansion and coordination of previous courses as related to the physical states of matter, solutions, homogeneous and heterogeneous, equilibria, thermodynamics, and the interrelationship of these quantities through mathematics. Laboratory work is designed to emphasize the application of physical measurements to the solutions of chemical problems.

Prerequisites: Ch20a, 25b, 30a-b, Ma20ab, Phy20a-b

Laboratory fee, \$10.00 per semester

Three hours lecture and a minimum of three hours laboratory per week 8 credits

Ch45a Qualitative Organic Analysis—A study is made of the properties of functional groups of organic compounds. Application of these principles is used in the identification of pure organic compounds and of mixtures of organic compounds.

Laboratory fee, \$12.50 Prerequisite: Ch30a-b

Two hours recitation and eight hours laboratory per week 4 credits

Ch46b Problems in Organic Chemistry—This course is designed to acquaint the student with the problems of organic synthesis and organic quantitative analysis.

Laboratory fee, \$12.50 Prerequisite: Ch30a-b

Two hours recitation and conference and ten hours laboratory per week

4 credits

Geo12b Geology—Physical Geology is a study of the evolution of the earth's crust, as revealed by the arrangement and content of the rocks. Historical Geology deals with the sequence of events of prehistorical times as revealed by a study of fossils.

Laboratory fee, \$8.00

Three hours lecture and three hours laboratory per week

Education

- Associate Professor Hoover, Professors Fisher and Stump, Assistant Professor Enterline, Mrs. Fellenbaum, Miss Risser, and Mrs. Sheely
- Ed10b Introduction to Education—This course deals with the study of American Schools. It considers European antecedents and then leads to a consideration of educational changes in the United States, control and support of education, organization of schools, the teacher, methods of teaching, scientific study of education, and the recent developments in modern education.

 Three hours per week 3 credits
- Ed15b Teaching of Geography—This is a general course given from the standpoint of man's reaction to his environment; the course aims to coordinate fundamental principles of geography. A study is made of the objectives, content, and methods of teaching geography. Students get practice in developing units, projects, maps, graphs, tests, etc. Workbooks, textbooks, and supplementary materials are reviewed and evaluated.

 Three hours per week

 3 credits
- Ed21b Curriculum in Arithmetic—This course includes the mastery of the fundamentals of the subject matter of arithmetic in grades 1 to 8, inclusive, together with the application of the fundamental psychological principles in teaching the subject and an acquaintance with materials of instruction and textbooks.

 Three hours per week

 3 credits
- Ed23b Public School Music—This course deals with educational principles and their application to the teaching of music, and with methods and materials to be used in the elementary schools. It aims to prepare the prospective elementary teacher to meet specific problems of music instruction in the grades. Included in the course are the study of rote singing, note reading, the child voice, music appreciation, and related topics.

Prerequisite: Mu13a Two hours per week

2 credits

Ed25b Teaching of Secondary Mathematics—This course begins with the study of the slide rule, and continues with discussions of methods of instruction, curricular tendencies, supplementary materials, and objectives of Junior and Senior High School mathematics. A portion of the course will be devoted to a study of the historical background of mathematics.

Three hours per week

Ed26ab Teaching of Health and Hygiene—This course stresses personal health in the teacher and an interest in and knowledge of all points of school hygiene. Necessary health information and methods of teaching health are presented. The teacher's responsibility for the formation of proper habits and control of the environment is stressed.

Two hours per week

4 credits

Ed27ab Teaching of Public School Art—The aim of this course is to enable students to teach public school art. It includes drawing, the elementary principles of design, lettering, composition, and color harmony and their application to home, school and community interests.

Fee, variable

Two hours per week

4 credits

Ed30a Educational Psychology—The original nature of man, the laws of learning, and individual differences are the main concepts emphasized in this course. This is a fundamental course and is required of all third year students in education who expect to secure the provisional college certificate in education.

Prerequisite: Ps10ab Three hours per week

3 credits

Ed31ab Principles and Practices of Secondary Education— The course includes a study of the fundamental principles of secondary education, the problems of teaching, learning activities, organization of courses of instruction and units, methods of planning and organizing classroom activities, and evaluating the outcomes. Practice will be given in constructing lesson plans and demonstration teaching.

Three hours per week

6 credits

Ed32b Visual Education—This course is designed to present the fundamental principles of visual and sensory aids to be used in the schoolroom. The various types and techniques will be studied and applied to definite subject matter.

Fee, \$8.00

Two hours lecture and one hour laboratory per week

2 credits

Ed33a Special Class Methods—A course organized to meet the methods and needs of teachers of special education. Includes a workshop study of planning and organizing curricular materials of instruction for the primary, the intermediate, and the advanced maturational levels. This is a required course for certification for teaching in special classes.

Three hours per week

Ed34ab Arts and Crafts for Special Classes—Especially organized to meet the needs of teachers of special education. Instruction will be given in the development of the child with crafts from the very simple to more advanced methods in woodwork; plastic; cork; weaving; paper; novelties; leather; use of salvage material; household repairs and clay modeling.

Laboratory fee, variable

Three hours per week

6 credits

Ed35ab Teaching of Language Arts in the Elementary School—The first semester is concerned with methods and practice in teaching reading, grades one to six. The second semester includes the study and practice of methods in teaching oral and written composition, manuscript and cursive writing, phonics and spelling.

Prerequisite: En20ab

Three hours per week

6 credits

Laboratory fee, \$2.50 per semester

Ed36a Teaching of the Social Studies—This course is designed to acquaint the prospective teacher of the social studies in elementary and secondary schools with current methods, literature and visual aids in this field.

Three hours ber week

3 credits

Ed37b Curriculum in Science—This course is a study of many of the fundamental facts, principles and laws that every prospective teacher should know in order to understand and interpret nature study, health, and geography, so that he may be able to make this work applicable to the everyday life of the child and give the child an acquaintance with the materials that are part of his environment.

Three hours per week

3 credits

Ed38b Educational Measurements—This course aims to acquaint the young teacher with some of the better known educational tests and give him sufficient knowledge of statistics to use them intelligently.

Fee, \$3.00

Three hours per week

3 credits

Ed39b Educational Guidance—The history, principles, problems, procedures, organization, administration, and supervision of educational and vocational guidance are covered. The importance of guidance and personnel service in secondary schools and on other educational levels is stressed.

Three hours per week

Ed40b The Elementary School Curriculum—An opportunity for qualified students to develop a practical curriculum. A study is made of the many problems encountered in making up courses of study in selected fields. Implementation is made of Bulletin 233B to note the newer elementary school curriculum practices.

Three hours per week

3 credits

Ed41a Principles of Elementary Education—This course gives the origin, aims, curricula, and principles underlying the practices of the American elementary school.

Four hours per week for eight weeks

2 credits

Ed42a Professional Practicum Including School Law—This course is designed to prepare students for their practice teaching. Techniques of teaching and lesson planning for the student's special field are considered. Pennsylvania school laws relevant to the work of the classroom teacher are studied. Observations are made of various classroom procedures.

Four hours per week for eight weeks

2 credits

Ed43a Practice Teaching—This course includes observation, participation, and practice teaching. The work is carried on in the public schools the second eight weeks of the first semester. Special attention is given to lesson plans, classroom technique, discipline and measuring results. Conference discussions are held at least twice a week. The student is required to achieve an average grade of C in any field in which he wishes to do practice teaching.

Prerequisites: Secondary—Ed31ab and 42a Elementary—Ed35ab and 42a

(The student teacher is required to provide for his own transportation)

Fee, \$60.00

Sixteen hours per week

8 credits

Ed44a Methods and Principles of Business Education—
This includes a thorough consideration of the methods of teaching the business subjects on the high school level—particularly the fundamental ones of bookkeeping, shorthand, and typewriting, as well as the related subjects. Stress will be placed upon curriculum materials, their selection and adaptation. A study of tests and measurements in the commercial field will be made.

Three hours ber week 3 credits

Ed44b History of Education—An analysis of the history of education from the time of early Greek education to the present day is made. Special attention will be given to the aims, content, organization, and results of the educational systems of

various countries, as well as to the great leaders of educational thought.

Three hours per week

3 credits

Ed45a Practice Teaching in Special Education—Observation, classroom teaching, and conferences in special education, with supervisors for a period of one semester.

Two hours per week

1 credit

By appointment

Fee, \$25.00 including tuition

Ed45b Problems in Secondary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in secondary education. Individual and group problems arising in the field of secondary education are studied.

Three hours per week

3 credits

Ed46a Educational Sociology—This course presents sociological facts which have especial educational implications. They include community life and personality contacts and adjustments.

Three hours per week

3 credits

Ed47b Safety Education—A course covering the history and development of safety education, the psychology of accident prevention, materials on driver education, sports education, industrial safety techniques, and evaluating and measuring results of safety education.

Three hours per week

3 credits

Offered 1959-1960

Ed48a Teaching Physical Education in the Elementary School—This course is concerned with the program of physical education activities for the elementary school. It includes a study of small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

Two hours lecture and two hours laboratory per week

3 credits

Open to only Juniors and Seniors

Ed49a Problems in Elementary Education—Designed primarily for in-service teachers, this course considers the newer practices and techniques in elementary education. Individual and group problems arising in the field of elementary education are studied.

Three hours per week

English

Associate Professor Kelly, Professor Schlosser, Associate Professors Rahter and Hackman, Assistant Professors Enterline and Heilman, and Mrs. Neumann, Miss Engle, and Mr. Yeingst

En10ab English Composition—A study of the fundamentals of effective English through their practical application to oral and written themes. Individual conferences are an integral part of this course.

Three hours per week

6 credits

En20ab Survey of English Literature—A study of selections in poetry and prose from the Anglo-Saxon period to the present time. The course aims to acquaint the student with the major movements in literature and to develop an appreciation of literature itself.

Three hours per week

6 credits

En21a-b Journalism—This is a study of newspapers and newsvalues, with emphasis on effective news reporting through the analysis and writing of various news stories, editorials, and feature articles. It is designed for students who want an introduction to journalism, for *Etownian* staff members, and for prospective teachers who may need a knowledge of school publication procedures.

Three hours per week

6 credits

En22ab American Literature—Representative authors and periods from the Colonial Period to the present will be studied. The major part of the work of the best writers will be carefully considered.

Two hours per week

4 credits

En23ab Problems in Play Directing—This is a practical course for teachers and directors of drama in elementary and secondary schools, churches, or community theatres. It deals with general and historical techniques in directing together with modern forms of area and space staging.

Two hours per week

4 credits

En30a The English Novel—A survey of English prose fiction from Defoe to Hardy. A detailed study of several of the leading writers of this form of English is made.

Prerequisite: En20ab Two hours per week Offered 1959-1960

En31b The English Essay—The study of a comprehensive collection of essays, both British and American, including translation from other literatures to illustrate the beginnings of the essay. The chief emphasis will be placed on the essayists of the nineteenth and twentieth centuries. The aim of the course is to acquaint the student with the author's personality or viewpoint in each essay studied.

Prerequisite: En20ab Two hours per week Offered 1959-1960

2 credits

En32ab Shakespeare—Classroom discussions, lectures and reports on the origin and development of the English drama, together with a study of the chief plays of Shakespeare comprise the work of this course.

Prerequisite: En20ab Two hours per week

4 credits

En33a The Seventeenth Century—A survey of the non-dramatic literature, exclusive of the work of Milton, between the ages of Shakespeare and of Dryden. Attention is given the intellectual, political, and religious ferment of the period, and to the growth of modern science. Emphasis is placed on the prose of Bacon, Burton, and Browne and on the poetry of Donne, Jonson, and their followers.

Prerequisite: En20ab Three hours per week Offered 1960-1961

3 credits

En34a Milton—The chief poetical writings of John Milton will be carefully read and analyzed. The course aims at an understanding of the political, theological, and social backgrounds of his writings. Selections from his prose works will also be studied.

Prerequisite: En20ab Three hours per week Offered 1959-1960

3 credits

En35b The Eighteenth Century—A study of the beginnings of Romanticism and of the writers of Dr. Johnson's circle.

Prerequisite: En20ab Three hours per week Offered 1959-1960

3 credits

En36b Creative Writing—This course provides discussion of and practice in the more imaginative forms of composition, including fiction and poetry, with special attention to the interests of individual students.

Three hours per week

3 credits

Offered 1959-1960

En37ab Dramatic Production—This is a course in the art of producing plays. It includes: historical background, directing and staging techniques, the first semester; costuming, lighting, and make-up, the second semester. Collateral readings and laboratory are required.

Two hours per week

4 credits

En38a Speech—This is a study of effective speaking before groups of various types. Emphasis will be placed upon the correction of speech defects, proper articulation, poise, and interpretative reading of both prose and poetry. Drill in parliamentary procedure, speaking from notes, and preparing papers are required.

Two hours per week

2 credits

En39b Children's Literature—An interpretative and critical study of literature for children, including selected readings of verse, fables, fairy tales, legends and myths as well as modern fiction and non-fiction, and a study of illustrators and the history of writing for children.

Laboratory fee, \$2.00

Three hours per week

3 credits

Open to only Juniors and Seniors

En40a The Romantic Movement—The chief characteristics of this movement and a discussion of the chief poems of Wordsworth, Coleridge, Scott, Byron, Keats, Shelley and others constitute the materials of this course.

Prerequisite: En20ab Three hours per week Offered 1960-1961

3 credits

En41b Victorian Poetry—A study of Victorian poetry from Tennyson to Kipling. Emphasis is placed on the intellectual and social backgrounds of this period.

Prerequisite: En20ab
Three hours per week
Offesed 1960-1961

3 credits

42ab Modern Drama—A study of the major European and American dramatists from Ibsen to the present.

Prerequisite: En20ab Two hours per week Offered 1959-1960

4 credits

En43a Contemporary Poetry—This course considers the chief American and British poets since 1914. Their philosophy of life and criticism of present day problems are investigated and discussed.

Prerequisite: En20ab Three hours per week

3 credits

Offered 1960-1961

En44ab Contemporary Novel—This course considers some of the major American, British, and Continental novelists of the present century. Their relation to contemporary thought and to the development of world literature will be stressed.

Prerequisite: En20ab Two hours per week Offered 1960-1961

4 credits

En45ab World Literature—A study of a selected group of writings from Eastern and Western cultures and their relation to our present world.

Three hours ber week

6 credits

En46b American Short Story—A study of the short story as a form in American Literature from Irving to the present time.

Prerequisite: En20ab or En22ab

Three hours per week Offered 1960-1961

3 credits

Foreign Languages

Professor Neumann, Mrs. Neumann, and Mrs. Herr

Esperanto *

Es10a Esperanto—What is Esperanto and who uses it? Esperanto is an international language and is much easier to learn than the average national language which it does not supplant. It is spoken in more than fifty-five countries and by businessmen, scholars, missionaries, and travellers all over the world. It helps essentially to solve the problems of international understanding.

Grammar, reading, and conversation are practiced with the methodical use of records. Correspondence with foreign countries can be started before the course is completed. The course can be finished in one semester after which the student may receive a diploma issued by the Esperanto Association of North America.

Three hours per week Offered 1959-1960

^{*} Does not apply toward a major in languages.

In 1951, Elizabethtown College received a gift of \$15,000 from the estate of the late Emma C. E. Landes, with the stipulation that the income from this bequest be used to teach Esperanto.

French

Fr10a-b First Year French—This course is designed for students beginning French in college. Grammar, reading and dictation are stressed.

Three hours per week

6 credits

Fr20ab Second Year French—This course includes a review of the essentials of grammar and the reading of at least four representative works of French literature.

Three hours per week

6 credits

Fr30ab French Literature to 1700—Particular attention is given to such authors as Villon, the Pléiade, Rabelais, Montaigne, Malherbe, Descartes, Corneille, Pascal, Boileau, Molière, Bossuet, and Racine, and to such movements as "la Préciosité" and "la Querelle des anciennes et des modernes."

Three hours per week

6 credits

Fr40ab Eighteenth Century French Literature—A study is made of the characteristics of this century as well as Montesquieu, Voltaire, Diderot, Rousseau, and others.

Three hours per week

6 credits

German

Ge10a-b First Year German—Drill in pronunciation, the essentials of grammar, practice in speaking, writing, and translation from prose selections are stressed.

Three hours per week

6 credits

Ge20ab Second Year German—This course includes a review of grammar and the translation of plays and novels.

Three hours ber week

6 credits

Ge30ab Third Year German—Beginnings of German literature through the Reformation and the Renaissance are studied.

Three hours per week 6 credits

Ge40ab German Classicism and Romanticism—Emphasis will be placed on authors such as Klopstock, Lessing, Goethe, Schiller, Grillparzer, and Heine.

Three hours per week

6 credits

Greek

Gr10ab This course is designed for students beginning Greek. The fundamental facts in grammar and reading are stressed so that the student is well prepared to read the New Testament in the Greek Language.

Three hours per week

Spanish

Sp10a-b First Year Spanish—Careful drill in grammar and reading comprises the work of this course.

Three hours per week

6 credits

Sp20ab Second Year Spanish—Emphasis is laid on rapid reading of modern prose and advanced composition.

Three hours per week

6 credits

Sp30ab Spanish Literature to 1700—This course enables the student to read intelligently the great authors of Spain.

Three hours per week

6 credits

Sp40ab Spanish Literature Since 1700—Classical Spanish literature and South American literature of the nineteenth and twentieth centuries.

Three hours per week

6 credits

History and Political Science

Associate Professor Reuning and Doctor Adams

A. History

Hi10ab History of Western Civilization—This course is to give the student a brief survey of the development of Western civilization from its earliest beginning to the present day. The long-range movements and trends will be stressed. Other civilizations will be covered only as they influence the growth of our Western heritage. It is the aim of this course to give the student a basic knowledge of his own political, economic, social, and cultural background.

Two hours per week

4 credits

Hi20a History of the Renaissance and Reformation—This course is a survey of the history of Europe from about 1400 to 1648. The general aim is a portrayal of the transition of European society, institutions, and thought from the Middle Ages to Modern Times. The first half of the semester will be devoted to the Renaissance and the second half to the Reformation and the Counter-Reformation.

Three hours per week

3 credits

Hi21b The History of Europe during the 17th and 18th Centuries—The general subject of discussion will be the age of absolutism in Europe from 1648 to the French Revolution and the period of the French Revolution and Napoleon. The political and diplomatic history of the older European powers as well as the entrance of Russia and Prussia into the stream

of European history, the intellectual foundations of political and economic liberalism as a background to the 19th century, and the imperial struggles between the European powers will be emphasized.

Three hours per week

3 credits

Hi22a Nineteenth Century Europe—The aim of this course is a portrayal of the history of Europe from the Congress of Vienna to World War I. Particular attention will be paid to the political, social, and economic history of Europe during the 19th century with a general survey of European diplomacy. General topics will be liberalism, nationalism, socialism, and the Industrial Revolution.

Three hours per week

3 credits

Hi23b Europe during the 20th Century—Beginning with a general survey of World War I the topic of discussion will be the characterization of 20th century society. Attention will be focused on the plight of democracy, the rise of fascist and communist totalitarianism, the great depression, and the effects of both World Wars.

Three hours per week

3 credits

Hi30ab History of the United States and Pennsylvania— This course is designed to provide the students with an introductory survey of the major developments and movements in the history of the United States. Social, cultural, political, and economic aspects will be considered. The history of Pennsylvania will be dealt with as it reflects significant trends in the history of the United States.

Three hours per week

6 credits

Hi31a Economic History of the United States—This course is a study of the developments of American economic life from the agrarian economy of the Colonial Period to the highly complex industrial economy of the present day.

Three hours per week

3 credits

Prerequisite: Hi30ab recommended

Offered 1959-1960

Hi32b Recent History of the United States—This course is intended to acquaint the student with the development of the United States since 1890. While designed as a general survey of the period, social, intellectual, and economic aspects will be emphasized.

Three hours per week Offered 1959-1960

3 credits

Hi40ab Diplomatic History of the United States—This course is a study of the major developments in the international

relations of the United States. It will be conducted on a seminar basis when class size permits.

Two hours per week

4 credits

Prerequisite: Hi30ab or the permission of the instructor

Offered 1960-1961

Hi43b European Diplomacy since the Congress of Vienna—
This is a survey of the conduct of European diplomacy since the fall of Napoleon. The main emphasis will be placed on the period since 1870 in a discussion of the diplomacy leading up to both World Wars and of the peace negotiations following these wars. This course will be conducted on a seminar basis.

Three hours ber week

3 credits

Prerequisite: Hi22a or 23b or by permission of the instructor

Offered 1960-1961

Hi44b Medieval History—This course is to be a survey of the History of Europe from 300 A.D.-1500A.D. The development and subsequent decline of medieval institutions will be covered. Emphasis will be placed on the religious, political, economic, and intellectual currents in the West and to some extent in the East. Considerable stress will be given to the development of the Christian Church, thought, and philosophy in their historic setting, and the early foundations of Modern Europe.

Three hours per week
Offered 1959-1960

3 credits

Hi45b Senior Seminar in History—This course is designed to acquaint seniors who wish to do graduate work in history with methods of historical research and historical interpretation. Students going into secondary education who meet the prerequisties are also encouraged to enroll.

Prerequisite: 20 hours of history and the permission of the instructor
Two hours per week 2 credits

B. Political Science

PS30a International Relations—This course is designed to acquaint the student with the theory and practice influencing the relations between states with special emphasis on the more important international organizations.

Three hours per week
Offered 1959-1960

3 credits

PS41b American National Government—This course is a survey of the political institutions of the United States and their evolution to the present day. Special emphasis is placed on the contemporary period.

Three hours ber week

PS42a Comparative European Governments—This course will be a survey of the political institutions of the various European states. Some consideration will be given to their historical development. Special stress will be placed on the governments of Russia, Germany, France, England, and Italy. This course will be taught on a seminar basis when class size permits.

Two hours per week

2 credits

Prerequisite: Hi22a and 23b recommended

Offered 1960-1961

Mathematics

Associate Professor Heilman and Mr. Tyndall

Ma10a* Basic Mathematics—This course is designed for students who do not have the necessary secondary school work in mathematics to prepare them for College Algebra, or those who need review in such areas. It covers the basic principles of all the courses which should be offered as prerequisites for College Algebra and Mathematics of Business.

Five hours per week

3 credits

Malla College Algebra—This is a fundamental course in mathematics and should be elected by all freshmen planning to take additional courses in mathematics or physics.

Three hours per week

3 credits

Prerequisite: Two years of high school mathematics or Ma10a

Mal2b Trigonometry—After a study of the usual topics of plane trigonometry, the essentials of spherical trigonometry will be covered. This course is advised for all freshmen planning to take additional courses in mathematics or physics.

Prerequisite: Knowledge of Plane Geometry and Algebra

Three hours per week

3 credits

Ma13b Finite Mathematics—This course will treat the theory of sets and its relation to symbolic logic; the laws of partitions and counting; probability theory; vectors and matrices; and applications of these subjects to sociology, psychology, economics, and genetics.

Three hours per week

3 credits

Prerequisite: Malla

Mal4ab Mathematical Analysis—Intended for pre-engineering students and those expecting to major in mathematics or the physical sciences, this course presents a unified treatment of algebra, trigonometry, analytic geometry and introductory

^{*} Does not count toward a major.

calculus. It requires a good background in high school algebra and some knowledge of geometry.

Five hours per week

10 credits

Ma15b Mathematics of Business—This course covers certain specific topics with business applications. Simple interest, bank discount, credit charges, chain discount, logarithmic computations and certain elementary compound interest topics are covered.

Prerequisite: Ma10a or 11a Three hours per week

3 credits

Ma16b Solid Geometry—This is a course in solid geometry with the chief emphasis placed on calculations of areas, volumes, etc., of surfaces and solids in three dimensional space.

Three hours per week 3 credits

Prerequisite: Knowledge of Plane Geometry

Ma17b Mathematics of Finance—This course introduces the student to many phases of finance on a non-calculus level. Topics covered are simple interest, logarithmic computation, compound accumulation and present value, general annuities, certain bonds, sinking funds and introductory life insurance and life annuities.

Prerequisite: Malla or permission of the instructor

Three hours per week

3 crcdits

Ma19a Analytic Geometry—In addition to the usual topics of plane analytical geometry, the fundamentals of solid analytical geometry will be studied.

Prerequisites: Malla and 12b

Three hours per week

3 credits

Ma20ab Calculus—This is the classical course in calculus with a modern approach. Differential and Integral Calculus are both covered in the first semester with an approach that uses one to support the other. The second semester covers basic work in moments, multivaiate calculus, series, differential equations, matrices, and modern algebraic methods.

Prerequisites: Mal4ab or Mal1a, Mal2b, and Mal9a

Four hours per week

8 credits

Ma23a College Geometry—This course is of interest to the prospective teacher and to the general student of mathematics. It introduces topics of modern geometry which have been developed since the time of Euclid. Construction problems will be emphasized.

Prerequisites: Malla and 12b

Three hours per week

Ma25b Theory of Equations—This course continues the work in algebra with emphasis on such topics as theory of equations, complex numbers, determinants, and matrices, etc., including applications. A knowledge of analytic geometry is advisable.

Prerequisite: Malla Three hours per week

3 credits

Introduction to Statistics—(See Business Administration 36a).

Teaching of Secondary Mathematics—(See Education 25b).

Ma32a Differential Equations—This course includes the solution of ordinary differential equations, covering first and second order equations, linear equations. Problems will emphasize applications in the physical sciences and engineering.

Prerequisite: Ma20a Three hours per week

3 credits

Ma41a Astronomy—A course giving a general view of the field of astronomy including the use of the telescope and the mapping of constellations.

Prerequisite: Knowledge of Algebra and Trigonometry. Laboratory fee, \$2.00

Three hours per week

3 credits

Ma42b Surveying—This is an introductory course including the use of drawing instruments, map drawing, the adjustment and use of the transit, taking of field notes, computation of areas, simple farm surveying, profile leveling, and curves. This course includes class and field work.

Prerequisite: Malla and 12b. Laboratory fee, \$7.50

Five hours per week

3 credits

Music

Professor Fisher, Mrs. Meyer, Mr. Young, and Mr. Klauss

A. General

Mu13a Music Fundamentals—This course will acquaint the student with many of the important subdivisions of music and will deal with the elements of music and with fundamental music theory. The arts of singing, sight-reading, note writing and conducting will be developed during the semester.

Two hours per week

2 credits

Mu23ab Harmony—The work of this course will be built upon a knowledge of elementary music theory, and will be approached from four angles—visual analysis, hearing, the keyboard, and

writing. The first semester will carry the student through the use and function of triads, and the second semester will deal with seventh chords, modulation, and non-harmonic tones. As early as practicable in the course the student will begin creative writing of simple melodies and harmonizations.

Prerequisite: Mu13a Two hours per week Offered 1960-1961

4 credits

Public School Music—(See Education 23b).

Mu32a History and Appreciation of Music—The work of this course will be approached from the standpoint of understanding the musical works produced in the various historical periods; appreciation will be developed from the dual standpoint of musical enjoyment and factual information. Music will be compared and contrasted with other arts, and will be considered from the viewpoint of its appropriate place in life. Great composers and their outstanding compositions will be given special attention.

Three hours per week Offered 1959-1960

3 credits

Mu42b Church Music—This course aims chiefly at giving the student a practicable foundation and fundamental knowledge in the field, which will be valuable for leadership in any Protestant denomination. Some consideration of the history and theory of church music will be included in the course. Units of study will include choir and congregational conducting; multiple choirs and their function in Christian education; choir repertoire; the piano and organ in the church; the child voice. adolescent, and adult voice; hymnology and the selection of appropriate hymns; creating effective worship services; and desirable qualities of leadership for church musicians.

Three hours per week

3 credits

Offered 1959-1960

B. Applied

Piano

Voice

Organ

Students in Applied Music are accepted at any stage of progress, or as beginners, and are advanced as rapidly as their ability, industry, and thoroughness will permit. In Piano and Organ, technical exercises, etudes, and Classic, Romantic and Modern pieces are indispensable elements of study at practically all times. In Voice, the problems of vocal improvement, inclusive of tone placement, breath control, range quality, volume, technique, and diction, are kept constantly in mind. Songs and arias by Classical,

Romantic and Modern composers are used to develop taste, and to build a repertoire for the student which will contain music

appropriate for all occasions.

In all branches of Applied Music the student is given opportunities to appear in public, and is given instruction and advice in public appearance and performance.

One private lesson and five hours practice per week

1 credit

Ensemble

(No tuition charge. No credit unless attendance at rehearsals and public performances is satisfactory, and unless participation extends over the entire school year.)

College Choir

Three hours per week (two rehearsals) Fee, \$1.00 per semester

2 credits

Band or Orchestra

One hour per week

1 credit

College Chorus

One hour per week Fee, \$1.00 per semester

1 credit

Men's and Women's College Quartettes

One hour ber week

1 credit

Students may elect 20 semester hours of credit in music toward the A.B. or B.S. degree. A maximum of 8 semester hours in Ensemble and/or Applied Music may be applied towards the A.B. or B.S. degree.

Piano and voice instruction, with one private lesson per week and five

hours of practice per week, receive one semester hour credit per year. Organ instruction, with one private lesson per week and three hours of practice per week, receive one semester hour credit per year. Students desiring college credit in Applied Music for the first time should be able to sing or play at sight a composition such as a simple hymn or folk song. Music classes and Ensemble music receive credit as indicated on the preceding pages.

All students who wish to study any branch of music while in college should consult their advisers and the head of the music department during

registration week.

Physical Education and Health

Mr. Herr, Mr. Smith, and Miss Risser

PE10ab Physical Education—Instruction and practice in fundamental techniques of seasonal team, dual, and individual activities for development of basic skills, knowledge and attitudes in these activities.

Two hours per week

2 credits

PE20ab Physical Education—Continuation of instruction and practice in seasonal activities with emphasis on advanced techniques, skills, and knowledge in these activities.

Prerequisite: PE10ab Two hours per week

2 credits

PE21b Camp Counseling—Instruction and practical experience in camp activities and campcraft with development of leadership in these activities and the camping program.

Laboratory fee, \$2.00 Three hours per week By appointment

3 credits

Teaching of Health and Hygiene—(See Education 26ab).

PE23ab Administration and Coaching—Organization and management of inter-scholastic and intra-mural programs and a study of the fundamentals of the various sports, rules, methods of play, techniques, skills, and coaching methods are inincluded in this course. Actual participation in the various sports such as soccer, basketball, baseball, tennis, and demonstration contests are required. This course is open only to juniors and seniors.

Two hours per week

4 credits

Physics

Mr. Custer

Phy10a Physical Science—This survey course in Physical Science covers the fundamental principles of Astronomy, Meterology, Geology, Chemistry, and Physics using experiments for illustration. Appropriate audio-visual aids are used. While intended especially for elementary teachers, it offers a survey of value to all students.

Laboratory fee, \$3.00 Three hours per week

3 credits

Phy12a-b Practical Electronics—This course is a study of resistors, capacitors, inductors, and vacuum tubes. These will be combined to form radio receivers, including radio frequency amplifiers, converters, detectors, audio amplifiers, and power supplies. The laboratory is equipped for the testing of components and circuits as to the way they operate and troubles encountered with them. The practical approach will be used.

If possible the student should provide himself with an approved set of hand tools and a vacuum tube voltmeter or multimeter. A vacuum tube voltmeter kit can be purchased and constructed during the first semester.

Two hours recitation and three hours laboratory per week 6 credits Laboratory fee, \$12.50 per semester

- Phy17ab Drawing and Descriptive Geometry-The object of this course will be to help the student visualize points, lines and objects, and to give him a working knowledge of modern engineering drawing. The course will include a study of reference planes, points, lines, planes, curved surfaces, revolutions, true sizes, intersections, inking, lettering, free hand sketching, dimensioning, orthographic projection, isometric drawing, auxiliary views, sections and developments. The first semester will be Engineering Drawing and the second Descriptive Geometry. Either semester may be taken for credit. One hour lecture and five hours laboratory per week
- Phy20a-b General Physics—The aim of this course is to give the student a clear knowledge of the general laws of physics through lectures, quizzes, and demonstrations. Numerous problems will be solved. Close correlaton of class and laboratory work will be maintained.

Prerequisite: Malla and 12b

Laboratory fee. \$10.00 per semester

Three hours recitation and two hours laboratory per week 8 credits

Physics 21a, 22b, 30a, 31b form a group which should be taken by those students desiring a more mathematical coverage of physics than is offered in Phy 20a-b. Students majoring in chemistry or mathematics should, if possible, plan to take these courses.

Phy21a Mechanics—The course will cover elementary vectors, forces, moments, centers of gravity, linear motion, Newton's Laws, motion of projectiles, work, energy, impulse, momentum, circular motion, elasticity, harmonic motion, gravitation, surface tension, viscosity, pressure and fluid flow.

Prerequisite: Ma20a (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$10.00

Phy22b Heat and Sound-The first part of this course is devoted to a study of heat as it relates to temperature, thermal expansion, transfer, specific heat, fusion, vaporization, gases, entropy, humidity and an introduction to heat cycles. The last part of the semester will be a study of sound and will deal with wave motion and various other properties of sound.

Prerequisites: Phy21a and Ma20b (or concurrently)

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$10.00

Phy30a Electricity and Magnetism—This is a study of electrostatics, and electromagnetics including brief studies of Coulomb's Law, Gauss's Law, Ohm's Law, Kirchhoff's Laws, measuring devices, resistors, capacitors, inductors, motors, generators, ferromagnetism, alternating currents, radiation, and electronics.

Prerequisite: Phy22b

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$10.00

Phy31b Optics—This is a study of light as to its nature and propagation; mirrors, lenses, optical devices, polarization, diffraction, photometry and spectrophotometry.

Prerequisite: Phy30a

Three hours recitation and two hours laboratory per week 4 credits Laboratory fee, \$10.00

Phy40a Statics—This is a mathematical study of forces and their action on stationary bodies, including concurrent and non-concurrent forces, couples, stresses and strains, centroids, moments of inertia, weighted cords, and centers of pressure.

Prerequisites: Ma20ab and Phy21a

Three hours per week

3 credits

Phy41b Dynamics—This is a mathematical study of bodies in motion including velocity, acceleration, work, energy, and momentum in terms of both linear and angular motion.

Prerequisite: Phy40a

Three hours recitation ber week

3 credits

Psychology

PROFESSOR STUMP AND MRS. FELLENBAUM

Ps10ab General Psychology—An introduction to the study of the mental and emotional factors that play an important role in our thinking and behavior. It is the purpose of this course to help the student understand himself as well as the similarities and differences that he finds among people. This course is a prerequisite for all other psychology courses.

Two hours per week

4 credits

Ps20a Experimental Psychology—Experimental Psychology is a laboratory course in which the principles discussed in Psychology 10a are studied through experimentation. Problems will include visual phenomena, color preference, learning and memory, the judgment of emotions and the measurement of various personality traits. Students will take the roles of experimenter and subject. Course requirements will include experimentation, the preparation of reports and the reading of related materials.

Prerequisite: Ps10ab Three hours per week Laboratory fee, \$5.00

3 credits

Ps22b Child Psychology—The general growth, maturational, and emotional aspects of the child from conception to adolescence are the chief considerations of this course.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps31b Psychology of Exceptional Children—An overall consideration of children who deviate from the generally accepted patterns of expected development is the concern of this course. Special attention is given to problems of the mentally superior, mentally retarded, and physically handicapped children.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps32b Mental Hygiene—Dynamics of personal and social adjustment and maladjustment, particularly as they relate to child and adolescent development.

Prerequisite: Ps10ab Three hours per week

3 credits

Ps36b Abnormal Psychology—A course dealing principally with the defects and derangements of the human mind. An attempt is made to show the relationships that exist between the normal and the abnormal mind, to indicate the causes of mental difficulties and to acquaint the student with the progress that society is making in the treatment of the mentally ill.

Prerequisite: Ps10ab Three hours per week

3 credits

Social Psychology—(See Sociology 20a).

Educational Psychology—(See Education 30a).

Ps40a Applied Psychology—This is a study of the applications of psychology in the field of human relations. It deals with such subjects as motivating human beings, learning and memory, human efficiency, individual and sex differences, personality,

fields and function of advertising, personnel administration, music and morale, the public platform, writing and art, psychology applied in education and other professions, and mental hygiene.

Prerequisite: Ps10ab Three hours per week Offered 1959-1960

3 credits

Sociology

Assistant Professor Vosburgh

Sol0a Introduction to Sociology—A study of the group living of people, including a consideration of how social changes affect their culture and institutions. Introduction to Sociology is a prerequisite to all other sociology courses.

Three hours per week

3 credits

So20a Social Psychology—This course considers the origin and development of personality and its relation to social phenomena such as propaganda, public opinion, leadership, and normal and abnormal adjustments.

Three hours per week

3 credits

Prerequisite: So10a
Offered 1960-1961

So21b Social Problems—Consideration is given to the major problems of modern society, including crime, alcoholism, mental derangement, recreation, racial tensions, etc. In general, an attempt is made to reveal the nature of the problems and to familiarize the student with what society is doing and can do about them.

Three hours per weck Prerequisite: So10a 3 credits

So31a Rural Sociology—This course includes a consideration of the rural environment and population, rural social organization and social processes in rural society.

Three hours per week Prereauisite: Solla

3 credits

So32b Intergroup Relations—An analysis of intergroup relations involving racial, ethnic, and religious minorities in the United States and selected regions of the world.

Three hours per week Prerequisite: Solla 3 credits

So40b Criminology—Criminology deals principally with the causes of criminality, modern trends in the detection of law violators, the development of penal institutions, court procedures

and programs designed to reform the criminal. Field trips related to the course will supplement the classroom instruction. Three hours ber week

Prerequisite: Soloa

Offered 1960-1961

So41b Community Organization-The structure and function of the community is studied together with an analysis of the individual and group relationships which exist. Emphasis is placed upon intra-group and inter-group processes in evaluating community needs and developing community resources.

Three hours per week

3 credits

Prerequisite: So10a Offered 1959-1960

So42b Cultural Anthropology—This is a survey of the principles and findings of anthropology in comparative studies of several contemporary culture areas of the world. The course evaluates problems of personality formation in human relations, cultural disintegration and cultural stability.

Three hours per week

3 credits

Prerequisite: Solla Offered 1959-1960

The Family—This course will begin with a comparative So43a study of different family patterns and then continue with a functional approach to questions related to courtship, engagement, and the early years of married life.

Three hours ber week Prerequisite: Solla

3 credits

General Information

Annual Expenses

Resident Students

The expenses for the year are covered by a fee which includes tuition, class dues, alumni membership, use of the library, gymnasium, athletic field, admission to all athletic games on the campus, lyceum numbers, subscriptions to the *Etownian* and the *Conestogan*, enrollment, limited use of the infirmary, furnished rooms, and board, exclusive of Thanksgiving, Christmas, end of semester and Easter vacations. This fee amounts to \$1,270.00; for the students residing in the New Women's Residence Hall to \$1,321.00.

Day Students

The expenses for a student attending College from his own home are \$725.00.

Payment of Bills

* The yearly charge to the student is payable in four installments, as follows:

	Resident Students	Day Students
At the opening of First Semester	\$317.50	\$181.25
On or before December 1	317.50	181.25
At the opening of Second Semester	317.50	181.25
On or before April 1	317.50	181.25

For students residing in the New Women's Residence Hall, the quarterly charge is \$330.25.

The bills may vary from the stated amounts in certain instances because of laboratory charges and because of special work taken in other than the regular courses for which the student is enrolled. Students whose accounts are unpaid after dates of settlement as announced above may be asked to withdraw from College unless satisfactory arrangements are made in writing with the Treasurer's office.

Laboratory fees, college store charges, and all other special fees will be added to the second and fourth invoices.

Credit allowed for scholarships, grants-in-aid, work, and the like will be deducted from the second and fourth invoices.

^{*} This charge does not include the accident insurance premium required of all students. See page 89.

The tuition charge for less than 10 and more than 18 hours per week is \$18.00 per semester hour when students take work with regular classes. Whenever choir, chorus, and/or orchestra increases the number of credits covered by a flat tuition rate for that particular semester, no extra charge will be made for such excess credit.

Each student is credited with \$5.00 per year from his college fee toward an alumni life membership fee of \$20.00 and with class membership fees of \$2.50 per year. Since students who are enrolled as special students or in summer and evening sessions are not charged the activity fee, any student who has not paid the college for eight semesters will be billed prior to graduation for the difference due. This procedure entitles each student to participate in his respective class activities and gives each graduate a life membership in the Alumni Association.

All automobiles operated and parked on the campus by students must be registered at the Business Office, and a \$2.00 registration fee must be paid.

Absence and Sickness

A student who is absent from College on account of sickness, or for any other reason, and retains his place in class, pays in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5.00 for each full week on account of board.

Withdrawal

Notice of voluntary withdrawal must be given in writing to the Dean of the College. If such withdrawal occurs before the end of the semester, the student is obligated for the entire semester's charges, except for 75% of the unused board charges and 50% of the unused room charges, and for tuition as follows:

Period of Attendance	Per Cent of Quarter's Charge
One week	. No Charges
2 to 3 weeks	. 25%
4 to 5 weeks	. 50%
6 to 7 weeks	. 75%
After 7 weeks	. 100%

The effective date for calculating refunds will be the date of receipt of a written notice of withdrawal by the Dean.

General Expense Information

Arrangements have been made by the college with a standard insurance company to provide an accident insurance policy with accident coverage up to \$500.00 for the college year. This policy provides accident protection on or off campus. The rates are \$8.00 for men and \$4.00 for women per college year unless notification of change is given prior to August 1. It is compulsory on the part of all students to carry this insurance.

The cost of one lesson per week in piano, voice or organ is \$30.00 per semester. A piano rental fee of \$5.00 per semester is charged for piano practice; a piano rental fee of \$3.00 per semester is charged for the use of voice practice rooms; an organ rental fee of \$8.00 per semester is charged for organ practice.

A fee of \$1.00 per semester is charged to the account of each member of the College Chorus and College Choir to pay for oratorio books or other necessary music. All music is retained in the choral library of the College.

A charge of \$3.00 per semester hour of credit is made for all examinations given under the Committee on Curricula and Instruction for advanced standing.

Students for whom it is possible to substitute a course offered on campus for an off-campus extension course will be permitted to enroll in the extension course only with the approval of the Dean of Instruction and the payment of an additional extension fee. Any student enrolled for 10 or more semester hours including extension courses will be considered a full-time student and will be expected to pay full-time fees and to abide by all regulations that affect regularly enrolled students.

A maximum of two transcripts will be provided free for all students while in regular attendance. Upon request after graduation, a complete transcript will be furnished free. A charge of \$1.00 per copy will be made for all other transcripts of credit.

No transcript of credits is furnished to a student whose accounts are unpaid.

All students are required to deposit a breakage and replacement fee of \$5.00 at the opening of the school year. This fee is refunded at the end of the year minus deductions for breakage and replacements.

A fee of \$10.00 must accompany the "Application for Admission." This fee, covering the cost of processing the prospective student's application, is non-refundable and cannot be applied toward the payment of other charges.

A successful applicant for the September term should send to the Director of Admissions, Elizabethtown College, a matriculation deposit of \$25.00 on or before May 20. Those receiving notification of acceptance after May 5, should send the \$25.00 matriculation deposit within 15 days of the date of notification. This fee reserves a room for boarding students. It will be credited to the student's account when he matriculates. If a successful applicant withdraws before July 1, the advance deposit will be returned. No refund will be made after July 1.

A preregistration fee amounting to \$25.00 is required of all matriculated students planning to return to college. The fee is payable before July 1. It is applicable to the first semester's account. No refund will be made after August 1.

A graduation fee of \$10.00 is charged each candidate for a degree. Each candidate is also charged the actual cap and gown rental fee.

Checks should be made payable to Elizabethtown College.

Scholarships, Loans, and Part-Time Employment

Elizabethtown College offers several types of scholarships, grants, loans, and part-time employment to students in need of financial assistance. Regulations governing the granting of student aid will be sent upon request. Students benefiting from these awards are expected to uphold the social and spiritual ideals of the College and be willing to serve as ushers and guides and in various other capacities as mutually agreed upon.

Scholarships

Elizabethtown College Scholarships

Elizabethtown College Scholarships range in value from \$600.00 to \$1,600.00 distributed over four academic years. A student to be eligible must be graduated in the highest tenth of his class and/or be a finalist in the National Merit Scholarship ratings. All scholarship candidates should take the Scholastic Aptitude Test of the College Entrance Examination Board. Applications for scholarships should be presented on the Princeton Scholarship Service Form. This form is available from the Educational Testing Service, Princeton, New Jersey, or from the college admissions office.

The holders of these scholarships must maintain a scholastic average indicated by the following credit-quality point ratios in order to be eligible for the renewal of scholarships: at the close of the Freshman year 2.25; at the close of the Sophomore year 2.50;

at the close of the Junior year 2.75. For quality point values see page 20.

Scholarships are awarded by a Faculty Committee.

Pennsylvania Power and Light Scholarship

Elizabethtown College is one of fifteen institutions which Pennsylvania Power and Light scholarship winners may attend. Further information should be requested from the company offices in Allentown, Pennsylvania.

Charles Troxell Royer Memorial Scholarship

Mr. and Mrs. Charles Royer, of Westminster, Maryland, established this scholarship of \$3,000.00 in memory of their son, Charles Troxell Royer, who died in November, 1918, while a student at the College. Students preparing for service on the mission field may benefit from this income.

Student Volunteer Missionary Scholarship

This scholarship of \$3,000.00 was established by the Student Volunteers of the College. The income from this fund is given to worthy students preparing for active missionary service.

For additional information concerning available scholarships write to the Director of Admissions, Elizabethtown College.

Grants-in-Aid

Various grants-in-aid are offered Church of the Brethren ministers, children of full-time Church of the Brethren pastors, BVS personnel, all siblings concurrently enrolled, and students with special abilities.

Application in writing must be made for all grants-in-aid before October 1. An application received after October 1 will be considered only for the second semester. Application forms can be secured in the Registrar's Office.

Loans

David E. Brandt Loan Fund

For the purpose of aiding deserving students Mr. David E. Brandt, of East Berlin, Pennsylvania, established a \$500.00 loan fund.

Harrisburg Church Loan Fund

On January 12, 1918, the Harrisburg church established a \$50.00 loan fund to help students lacking funds to secure a college education.

Emanuel G. Hoff Loan Fund

Because of his interest in assisting young people to fit themselves for a life of useful service Elder Emanuel G. Hoff, a beloved Bible Institute teacher at the College for a number of years, gave a \$50.00 loan fund to the college.

Stanley H. Ober Loan Fund

Through the proceeds of lectures by Mr. Edgar A. Guest and Dr. H. K. Ober, a loan fund of \$1,250.00 was created in memory of Stanley H. Ober, a loyal and devoted student who died April 12, 1926.

Samuel S. Gibble Loan Fund

In memory of Mrs. George Fraser's father, the late Samuel S. Gibble of Lancaster, Pennsylvania, Mrs. Fraser has created a loan fund of \$5,000.00 for the purpose of assisting students who are preparing for the Christian ministry or for missionary work. All applicants for loans from this fund need to be approved by Mrs. Fraser. Application is made through the Treasurer of the College.

Alumni Loan Fund

In June, 1910, the Alumni Association of the College established a loan fund of \$1,000.00. This fund has been increased through the years until it now amounts to \$3,200.00 Friends of the College and of her Alumni are invited to send additional contributions to the Treasurer of the Alumni Association so that this fund may be increased and more students assisted.

David E. Fox Loan Fund

On May 21, 1924, David E. Fox, of Harrisburg, gave to the College \$1,000 to be used in making loans to worthy students.

Dr. W. A. Pearson Loan Fund

On May 26, 1941, Dr. W. A. Pearson, Dean of the Hahnemann Medical College, Philadelphia, Pennsylvania, gave to the College \$50.00 to be used in making loans to worthy students.

Student Rotary Loan Fund

The General Brotherhood Board annually grants a limited amount of its Rotary Loan Funds to each college of the Church of the Brethren. This grant is to be loaned to worthy students who are members of the Church of the Brethren. For further details regarding these loans write to the President of the College.

Phoebe Longenecker Stutzman Loan Fund

On May 26, 1958, Phoebe Longenecker Stutzman established a loan fund of \$1,000.00 to be used in aiding worthy students pursue their education.

Prizes

The Royer Bible Prize—Each year the sum of \$10.00 is awarded to the student who achieves the highest grade in Bible and who possesses excellence in Christian character.

The Weaver Biology Prize—Charles E. Weaver, M.D., class of 1926, of Manheim, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in biology, and who gives promise of success in graduate study or teaching.

The Butterbaugh Chemistry Prize—The late D. F. Butterbaugh, M.D., class of 1926, provided a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in chemistry, and who gives promise of success in graduate study or teaching.

The Kettering Accounting Prize—Mr. Joseph W. Kettering, C.P.A., class of 1923, of Elizabethtown, Pennsylvania, each year offers a prize of \$10.00 to a student in the junior or senior class who demonstrates high scholarship in accounting, and who gives promise of success in graduate study or accounting.

The Raffensperger Journalism Prize—The Horace E. Raffensperger, A.M., \$25.00 award for outstanding journalistic writing is awarded yearly to the student doing superior news reporting and feature articles for the current school year.

The Dr. John Robert Gregg Memorial Medal—Mr. Earl F. Weller, class of 1933, provides this medal each year to the graduating student with outstanding personality, who has attained proficiency in secretarial science, and who has a shorthand excellency. Students completing the two-year course is Secretarial Science, the two-year course in Medical Secretarial Science, and the four-year course in Business Education are eligible.

The Weaver-Zeigler Prize—A prize of \$15.00 is awarded annually to that member of the senior class who during his or her career at college has shown the greatest interest and scholarship in the courses in Bible and Christian leadership. This prize is given by Carl and Naomi Weaver Zeigler, classes of 1931 and 1934, in memory of their parents Reverend George W. and Magdalena Oberholzer Weaver and Harvey F. and Susan Wenger Zeigler.

Accounting Award

Each year the Pennsylvania Institute of Certified Public Accountants awards "The Accountants Handbook" to a member of the graduating class whose academic ability in accounting is excellent and whose professional attitudes and characteristics are highly commendable.

The Wall Street Journal Award

Each year the Wall Street Journal makes an award of a medal and a year's subscription to the newspaper to a graduating student who has done outstanding work in the field of finance and business.

General Regulations

Only upon petition to the Committee on Admissions can a student dismissed from the College for any cause be reinstated. A student will not be readmitted for the semester immediately following the one in which an offense was committed. A student dismissed for misdemeanor loses all credit for work done during the semester, and in case of reinstatement will be on general probation for a year.

Agents are not permitted to solicit students on the campus or in the dormitories without first securing permission from the Treasurer.

Visitors to the College are expected to report to the Dean of Men or Dean of Women so that proper entertainment may be provided for them. They will be required to conform to the regulations of the College while they are on the campus. Meals and lodging for guests will be charged at established rates.

The College approves a linen rental service which, for an established fee, will supply each student weekly with linens. A letter explaining this service will be sent to each resident student during the summer months. Facilities for personal laundry are available in the dormitories.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the students are responsible.

To make his room homelike and attractive the student should provide curtains, pictures, rugs, cushions, and other articles as desired.

All students living in any of the College residence halls or in rooms provided by the College are required to take their meals in the College dining hall.

The College provides rooms for all unmarried students living away from their homes. Only for exceptional reasons may such students live in rooms not provided by the College. Approval by the Administrative Committee for this privilege must be secured before such arrangements are permitted.

Health Service

All possible efforts are made to safeguard the health of all students. For emergency and minor illnesses an infirmary is provided with a graduate nurse in charge, and local doctors on call. Students may select their own physician. In cases of serious or prolonged illness the student, on advice of the attending physician, will be removed to his home or to a nearby hospital.

Physical Education and Athletics

Physical education and athletics are an integral part of the curriculum, important in the development of the "whole" individual. All students physically able are urged to participate in the program. Every student, when enrolled, is granted permission by parent or guardian to participate in competitive and intercollegiate sports unless the college, by written statement to the Office of the Dean of Instruction, is otherwise instructed.

Intramural athletics are a very important part in the program of health and physical training. The program is voluntary. However, students are encouraged to participate in at least one sport. Schedules and tournaments are arranged for various campus groups. Schedules are made for tennis, soft ball, touch football, basketball, badminton, volley ball, and table tennis.

The college maintains intercollegiate teams in soccer, cross country, basketball, wrestling, baseball, and tennis and provides attractive schedules with other colleges. All eligible students are invited and urged to become candidates for the teams.

Intercollegiate sports for women include field hockey, basketball, and tennis. Attractive schedules are arranged with other colleges. Intramurals for women are organized by the Women's Athletic Association.

Elizabethtown College is a member of the following collegiate conferences:

- 1. National Collegiate Athletic Association
- 2. Eastern Collegiate Athletic Conference
- 3. Middle Atlantic States Collegiate Athletic Conference
- 4. National Association of Intercollegiate Athletics

Student Activities

The College encourages and directs activities which are in harmony with the purpose of the institution. The Director of Student Activities is charged with the scheduling of all extracurricular activities except athletics.

Before any public activity of those student organizations under the jurisdiction of the director is scheduled, application for permission and a date must be filed in writing with the director.

Student Government Organizations

All students are members of the Student Association.

Student Senate

The coordinating body of the Student Association is the Student Senate composed of eleven members elected by the students. Nominations are by petition and the preferential system of voting is used. Officers of the Student Senate are the president of the Student Association, the vice president, the secretary, and the treasurer. This body meets at least once a month and sessions are open to all members of the Student Association.

The Committees on Men's and Women's Affairs

The committee on women's affairs is composed of six students elected by the women students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups and voted upon by all the women students.

The committee on men's affairs is composed of six students elected by the men students. Four members represent boarding students and two represent day students. Members are nominated by their respective groups.

The Dean of Men and the Dean of Women serve as advisers to these committees and to the Student Senate and assist the students in governing in harmony with the policies of the college. By request of the respective Deans, actions of the committees may be reviewed by the Administrative Committee.

Student Christian Organizations

Student Christian Movement

This group coordinates all religious activities on the campus. Students serve as leaders for the weekly meetings.

Brethren Youth Fellowship

This is an active organziation of Church of the Brethren and other interested students. Monthly meetings concern themselves with studies and discussions of Brethren history, doctrines, and programs.

Lutheran Students Association

The Lutheran students meet at regularly stated times to participate in activities of interest to their denomination. The Lutheran churches of Elizabethtown and vicinity offer leadership and encouragement.

Student Ministers' Fellowship

The student ministers' organization is known as the Eta Gamma Kappa. It promotes the fellowship of men students interested in preparing for full-time church vocations.

Clubs

Sock and Buskin

The purpose of the organization is to stimulate interest in the interpretation of the leading dramas of the day. A number of public dramatic programs are given during the year.

Political Science

This club has the dual purpose of fostering an understanding of the processes of American government and of furthering a knowledge of international relations.

Students participate in the yearly Intercollegiate Conference on government and in the model United Nations organization.

Phi Beta Chi

This society has a two-fold purpose: to encourage and foster undergraduate work in science, and to provide closer contacts for students interested in science.

German Club

The German Club tries to preserve German culture manifested in German music, song, poetry and German conversation particularly cherished in this section of the country by people of German origin. The club is open to all interested students and faculty.

Dramatic Workshop

The purpose of this group is to bring together all students who are interested in any form of drama-acting staging, lighting, makeup, properties, or business. Qualified members will be eligible for admittance to Sock and Buskin Club.

Student Teachers Association

The purpose of the Student Teachers Association is to develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national education associations. An attempt is made to acquaint student teachers with the history, ethics, and program of the organized teaching profession.

Other clubs may be organized as and when the demand arises.

College Publications

The *Bulletin* is published quarterly by the College and includes the Alumni Edition, the View Book Edition, the Catalog Number, and Summer Session Announcements.

The *Etownian* is published semi-monthly except June, July and August by the Student Association. This student publication aims to bring to its readers the news about the College and its alumni.

The Rudder, the student handbook, edited each college year by the student senate, is an indispensable manual for all students. It is sent to incoming freshmen a few weeks before registration. All general college regulations not listed in the annual catalog are contained in the Rudder.

The Conestogan is published annually by the Student Association. It contains a pictorial representation of the activities, organizations, and surroundings of the College, and gives interesting information about its students and almuni.

Musical Activities

The personnel of the College Choir is chosen from the membership of the College Chorus, and consists of thirty-six to forty members. The greater part of the training of the Choir is in the realm of unaccompanied singing, but it also sings accompanied music. During the second semester the College Choir takes frequent trips, giving concerts in Brethren churches and other churches of Pennsylvania. The College Choir also prepares a repertoire of secular music which is presented at some time during the second semester of each school year.

The College Chorus is an organization consisting of around a hundred members, which presents a great oratorio at some time during the school year. The oratorio is presented in the college auditorium, with guest soloists and college soloists.

The College Orchestra is a combination of instrumental players who are available from among the students of the college. The Orchestra plays at athletic events and in other public events. They also participate in the College Musical Festival which is presented near the end of the school year.

The Men's and Women's College Quartettes are chosen from the membership of the College Choir; they carry out their activities under the directorship and supervision of the head of the music department. Their vocal repertoire is both sacred and secular. They sing both separately and together, and make frequent public appearances in churches, high schools, and other places.

Buildings and Grounds

One of the first and certainly one of the most lasting impressions of Elizabethtown College is centered in the verdant beauty of its 65-acre campus.

Interwoven with a network of paved walks and roads, the grassy campus is systematically dotted with an abundance of trees and the various buildings and athletic facilities of the college. Included in the latter category are a baseball diamond, soccer field, hockey field, and several all-weather tennis courts.

Alpha Hall

Alpha Hall, the administrative center of the campus, is the original building, having been opened to classes in 1901. In addition to the various administrative offices of the college, it houses over 40 students on the second and third floors and has a classroom and the Student Activities Office on the ground floor.

Auditorium-Gymnasium

The hub of the campus physical education program and cultural and religious activities, the auditorium-gymnasium, was erected in 1929 with the help of Joseph C. Johnson, who donated half of the funds needed for construction, and other interested alumni. With facilities for seating 1,000 people on the main floor and balcony, this building is used for chapel and a variety of other college activities.

Zug Memorial Library

Completed in 1950, this centrally-located, modern, brick building presently houses 23,500 volumes of reference material, biographies, and fiction works with facilities for 25,000 more. In addition, 250 periodicals are carried, eight newspapers are received through subscriptions, and about 20 others are available through the Public Relations Office.

The ground floor contains a magazine room and the Brethren Historical Room. Library offices and the main reading room are located on the main floor. Book stacks are maintained on all three levels of the building.

North and South Halls

Built by the Federal Government under the terms of the Lanham Act, these two connecting dormitories provide complete housing facilities for approximately 80 male students.

Business Education Building

This building provides the college with five additional classrooms and several faculty offices. It serves as a meeting place for the majority of the business classes as well as some classes of the language department. All types of office machines are available for students' use.

New Women's Residence Hall

With complete facilities for housing 130 women, this modern, three-story, brick structure was completed in 1957 at a cost of \$712,000. In addition to serving as the main women's residence hall, it contains the college kitchen and dining hall, where all students take their meals. The residence and office of the Dean of Women are located on the ground floor, and the main lounge serves as a setting for teas and other social events.

Rider Memorial Hall

Dedicated in 1906 to the memory of Joseph Rider, an early supporter of the college, this/four-story ivy-covered building contains the college store and recreation room on its ground floor. Faculty offices, two classrooms, and several music department practice rooms are on the second floor with other classrooms located on the third story. The upper floor is used as a dormitory.

Fairview Hall

This, the third building to be erected on campus, was dedicated in 1921. A three-story brick structure, it is used primarily as a dormitory with additional facilities for an infirmary and the office of the Dean of Men.

Gibble Memorial Building

With the addition of the new wing, this building houses complete facilities for the science and engineering departments. A two-story structure erected by the Gibble Family Association, it contains chemistry, biology, and physics laboratories in addition to faculty offices, lecture rooms, a science reference library, and storage rooms.

The laboratories are fully equipped with high quality facilities.

West Hall

Situated on the northwestern corner of the campus, this homelike building houses 15 male students.

Lake Placida

Developed near an evergreen grove on the eastern portion of the campus, Lake Placida affords a setting for relaxation for students and faculty. Periodic picnics and vesper services and the annual Homecoming Day tug-of-war are held at its edge.

The Alumni Association

The Alumni Association is organized to promote fellowship among alumni and to secure their intelligent support of measures beneficial to the College. All persons who have been graduated from the College or from the Academy, or in any special course, or who have attended the institution in any department for a period of one semester or the equivalent thereof, are eligible for active membership.

The Association is entitled to a representation of three members on the Board of Trustees. These members are nominated by the Association and serve three years.

Association and serve three years.	
Officers 1958-1959	
President, M. ALEXANDER GLASMIRE, '37	
Harrisburg	
President, John Bolton, '43	
Juniata	
President, Glenn Gingrich, '49	
Lancaster	
President, Dr. John H. Stauffer, '49	
Lebanon	
President, Earl Lehman, '49	

Philadelphia

President, M. Alexander Glasmire, '37	١.
Vice-President, JOHN Speidel, '41	1
Secretary-Treasurer, JANET BURNS SPEIDEL, '43 Wilmington, Del	1.
F 4 8 8 8	

York

President, CHARLES Booz, '39	Pa.
Vice-President, David Wilson, '54	Pa.
Secretary-Treasurer, ZATAE BEETEM ATKINS, '46Delta,	Pa.

The Alumni Council

Commencement

Monday, June 2, 1958 10:00 A. M.

Address: President Eric A. Walker, Ph.D., Sc.D., The Pennsylvania State University

Honorary Degrees

ERIC A. WALKER, Doctor of Humane Letters

JOSEPH W. KETTERING, Doctor of Commercial Science

HORACE E. RAFFENSPERGER, Doctor of Science of Pedagogy

M. RICHARD SHAULL, Doctor of Divinity

Degrees in Course Bachelor of Arts in Liberal Arts

†Edwin Alonzo Ankeny	Olean, N. Y.
ROBERT G. BALTHASER	Hamburg, Pa.
WARREN E. BATES	Pomeroy, Pa.
CARLIN EDWIN BRIGHTBILL	
E. Yvonne Brubaker	
L. Gene Bucher	
ROMAINE G. DUSMAN	
Rosalie Ellen Erb	
*Roger L. Forry	
†George Gerlach, In Absentia	Lancaster, Pa.
FAYE ELIZABETH GLOVER, Summa Cum Laude	Elizabethtown, Pa.
IRVING RAY GLOVER	Elizabethtown, Pa.
PAUL ROBERT HAGENBERGER	Steelton, Pa.
JOHN C. HOLLINGER, Magna Cum Laude	
PHYLLIS ANN INGRAM	
RACHEL E. KELLER	Lebanon. Pa.
KENNETH CHARLES MARTIN, JR	Shippensburg, Pa.
STANLEY CHARLES MILLER	Lewistown, Pa.
Eldon Leroy Morehouse	Florin, Pa.
MILTON H. MOWRER, JR	
MILLARD BRYAN NORFORD	New Cumberland, Pa.
*Donald Ray Price	Vernfield, Pa.
James Long Schell	
*Paul Richard Shelley	Elizabethtown, Pa.
LLOYD (SANG IKK) SHIM	
ROBERT FRANKLIN SMITH	
EVELYN DEIMLER WATSON	Harrisburg, Pa.
*Ethel Hall Yeager	Halifax, Pa.
*Ruth Ann Yeager	Phoenixville, Pa.
Allen B. Yuninger	Lancaster, Pa.

Bachelor of Science in Science

Alan Kern Barrick	Halifax,	Pa.
James William Chase	hambersburg,	Pa.
JACQUELINE ARMITA HARRISV	Vashington, D	. C.

[†] Degree granted September 24, 1958.

^{*} Degree granted August 15, 1958.

ELIZABETH PAULINE LEFEVER Strasburg, Pa. MARLIN ELWOOD MARTIN Marysville, Pa. TOLBERT VICKERY PROWELL Steelton, Pa. JOHN PHILIP RANCK, Magna Cum Laude St. Thomas, Pa. PHILIP A. SEESE Souderton, Pa.
Bachelor of Science in Business Administration
Marlin Neal Brownawell Jere Richard Bunting Lancaster, Pa. Jere Nelson Cooper Manheim, Pa. Carl R. Crum Hershey, Pa. Amos Victor Cunningham Richard Karl Falk Harrisburg, Pa. *Marwood Funt Mechanicsburg, Pa. John Maynard Gillaugh John Maynard Gillaugh Lera Greider Jay Clarence Greider Hichard K. Hartman Chester Ray Heisey, Jr. Harold L. Hoch Kenneth L. Leaman Harold L. Hoch Steelton, Pa. Kenneth L. Leaman Harover, Pa. Barbara Ann Lewis Robert Gills Messick Milford, Del. Samuel N. Nace Glen Rock, Pa. Fred Francis Noel James Boyd Pannebaker James Boyd Pannebaker Middletown, Pa. Curtis Brooks Reiber Modstown, N. J. Gary William Stabley Red Lion, Pa. Jay M. Steinruck Elizabethtown, Pa. George DeLong Thomas Mt. Gretna, Pa. Kenneth E. Warner Washington Boro, Pa. Robert Moyer Wetzel York, Pa.
Bachelor of Science in Secretarial Science
Jane MacNeal
Bachelor of Science in Secondary Education
Nancy Elaine Bosserman York, Pa. ORWIN E. KEENEY Myerstown, Pa. *Joseph Nathaniel Lisman Philadelphia, Pa. *Deloris Maythella Turner, In Absentia Grasonville, Md. Calvin W. Williams, Jr. Harrisburg, Pa. Bruce Carr Wohnsiedler Manheim, Pa.
Bachelor of Science in Business Education
DELORIS I. BOLZE Landisburg, Pa. *MILLIE MAE CLAY Myerstown, Pa. *VIRGINIA RUTH GRIMM Dillsburg, Pa. DOROTHY MARIE MUDRINICH Harrisburg, Pa. JOYCE ELAINE ROUDABUSH Johnstown, Pa. WARREN DONALD SHIRK Paradise, Pa. JOHN MASON SMITH, JR. Lancaster, Pa.

^{*} Degree granted August 15, 1958.

Bachelor of Science in Elementary Education	
**WILLIAM JAY BEASTON Mt. Joy, Pa. **CLARA LEEDY BECK Middletown, Pa. **MARY ANN GETTEL Sebring, Fla. PATRICIA HALDEMAN Manheim, Pa. **ELSA HOENER VAN BOSKIRK BRONXVIlle, N. Y. RUTH ELEANOR HORNING Rheems, Pa. **AUDREY G. KILHEFNER, Magna Cum Laude Elizabethtown, Pa. BETTY RUTH LANDES Lansdale, Pa. **RUTH H. MARTIN Elizabethtown, Pa. NANCY CAROLYN PETERMAN Harrisburg, Pa. FAY LAVERNE ROYER, Cum Laude Ephrata, Pa. JAMES WOODWARD SARBAUGH COlumbia, Pa. LENORA JANE SHENK Denver, Pa. LOIS M. TINTLE Butler, N. J. ESTHER HERSHMAN WEDDLE, Summa Cum Laude Elizabethtown, Pa. DONALD REPPERT WITMAN Manheim, Pa.	
Bachelor of Science in Medical Technology	
RACHEL E. FORRY Manheim, Pa. *BONNIE JEAN GIBBLE Lebanon, Pa. *GLADYS ELAINE McCONNELL Willow Street, Pa. *MARGARET JOYCE MILLS Kinzers, Pa. †LOUISE REED MOREHOUSE, In Absentia Florin, Pa. *PATRICIA L. SHOPE Middletown, Pa.	
Bachelor of Science in Nursing	
*Etta Jean Bishop Lancaster, Pa. Claire L. Boyd Stoystown, P.a Daniel W. Deets Hershey, Pa. Bernice A. Stoner Mechanicsburg, Pa. *Ethel Lucille Webber Ickesburg, Pa.	
Recipients of Certificates	
Medical Secretarial Science	
Martha Jean Gaul Edgemont, Pa. Barbara Ann Gunnet .Bair, Pa. *Joyce Ellerie Haller .York, Pa. Jane MacNeal .Media, Pa. Marilyn Ann Mellinger .Columbia, Pa. Bonnie Frantz Merkel .East Petersburg, Pa. Adele DeHaven Taschner .Spring City, Pa. Barbara Louise Zimmerman .Haddonfield, N. J.	
Secretarial Science	
Joanne E. Fest	
Medical Technology	
Faye Elizabeth Groff	

^{*} Degree or certificate granted August 15, 1958. † Degree granted September 24, 1958.

Register of Students

1958-59

Seniors

Men

ANNIBALL DIGHARD W. D.C.	D 4.1.1	06 37 71 1 4 70 4
ANNIBALI, KICHARD W D.S.	Bus. Admin.	26 N. Lingle Ave., Palmyra
ANWYLL, DAVID CB.S.	Sec. Educ	26 N. Lingle Ave., Palmyra 4700 Cumberland St., Harrisburg
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ARNOLD, DAVID L. B.S. ARNSBERGER, DALE R. B.S. RAKER BALLER.	Page A Justin	024 E Ditt. 1 1 1 C. 37 1
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Brann Cany D	Science	219 Honer St., Middletown
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ROWERS KENNETH I A D	I ibamal Austr	Eli-t-il Ct. T. V. 11
Downers, RENNEIR LA.D.	Liberal Arts	Elizabeth St., Landisville
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Creative Tanas D	Sec. Educ	K.D. No. 1, Middletown
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Crivery Marian	Tiberal Airs	Zamfara Ant. No. C. Di'. al. alli
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Mrs. one East W DC	Doron A Jania	Ma Connollahung
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·	

Juniors

Men

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	ScienceBox 644, Lansdale
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	Bus. Admin170 Upland Way, Haddonfield, N. J.
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BOWMAN, WILLIAM AB.S.	ScienceR.D. No. 1, Box 131, Annville

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BUCKWALTER, DAVID WB.S. Bu	us. Admin,540 S. Mt. Joy St., Elizahethtown
BUTLER, STANLEY IB.S. Bu	us. Admin1533 Third Ave., York
BYERS, CHARLES MB.S. Sci	cience130 W. Walnut St., Marietta
CASSEL, L. DAVIDA.B. Li	iheral Arts208 Elizabeth Dr., Lancaster
COLEGROVE, WILLIAM H B.S. Bit	us. Admin 128 East Ave., Ridgway
CORDAS. STEVANE BS SCI	cience 9 N. Fourth St., Steelton
DESTEPHANO JOHN A RS Bu	us Admin 52 S Newberry St. Vork
DIRECT I FART RS See	ec Educ R D No 3 Elizabethtown
DIEFFENDACH KENNETH M RS Sci	rience R D No. 1 Womeledorf
FISTON WILLIAM F A D I S	ibaral Arta 757 Madison St. Contecvilla
ELSION, WILLIAM EA.B. LII	theral Arts/3/ Madison St., Coatesville
Elegan Value M. D.C. D.	ineral Arts317 Spruce St., Middletown
FASICE, KENNETH MB.S. Bu	us. Educ1916 Manada St., marrishurg
GINDER, HAROLD G Pre-engi-	meering R.D. No. 3, Elizabethtown
GROFF, C. EUGENEB.S. Bu	us. Admin, R.D. No. 1, Ephrata
GROFF, CHARLES OB.S. Bu	us. Admin32_Old_Market St., Mt. Joy
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HAEFNER, GEORGE P., Jr Pre-engi-	ineering217 Nevin St., Lancaster
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HENCH, JOHN S A.B. Lil	iheral ArtsLoysville
HETRICH, A. RONALD Pre-engi	ineering 86 N. Charlotte St., Manheim
HIBNER, GARY W B.S. Bu	us. Admin. 101 E. Market St., York
HOAR I WILLIAM AR Lil	iberal Arte Gan
HOLLINGER PART R AR LI	iberal Arts 271/2 S Market St Flizabethtown
HOSTETTED File I BC D.	us Admin RD No 5 Lebanon
TOUNGAL HARATE C DC D.	us. Admin
Vennia Witter I D.C. D.	us. Admin
KENDIG, WILLIAM LB.S. Bu	us. Admin K.D. No. 2, Spring Grove
KESSLER, GUY LA.B. Li	iberal Arts 139 W. Grand Ave., Tower City
KLINEDINST, WALTER TB.S. Bu	us. Admin/10 Ridge Ave., York
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LANDIS, HARRY EB.S. Sci	cienceR.D. No. 6, York _
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	ton, Del.
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MARVEL, ROBERT F B.S. Bu	us Admin 735 Center St., New Castle
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McCornick Lawre F RS Bu	us Admin 230 S Madison St Harrisburg
MEASE TOUN H DC D.	us Admin 111 Cocos Ave Herchey
Menacen Davis D A.D. I.	the set August 200 Church Ct Outerwills
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OSBORN, G. HENRY, IIIB.S. Sci	N. J.
OSBORN, G. HENRY, IIIB.S. Sci Petry, Karl GB.S. Bu	rience
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Neubauer, Diana L. A.B. Liberal Arts 1013 Lakeshore Dr., Collingswood, N. J. Peacock, Elizabeth A. B.S. Science

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THOME, RONALD E
WHITACRE, JAMES J
WILLIAMS, JAY P. A
YAKIMOFF, LUDWIG E2218 N. Fifth St., Harrisburg

Women

Harrisburg Area College Center Elizabethtown College Classes

Men

ATKINSON, ELDRED W
AVOLETTA, JOHN L
BAILEY, D. REX
Harrisburg
BARNES, JAMES M., SR
BARNI, JOHN
BERBERT, GREGORY M
Camp Hill

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Burnery Lang C. 96 Shell St. Harrichurg
CAMPBELL BICHARD I 2140 Green St. Harrichurg
Charles I by H 645 Mooreland St. Carliele
Cubical Richard A 150 Holeter Rd Harrichited
Crawsep Forest A RD No. 4 Mechanishurg
CLAWSER, ERREST A
Chipport Legrary M 2010 Pollogue Dd Harrichurg
CREDON, JOSEPH M
CROM WELL, OLIVER W., JR
CRUMAY, FIGH M
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FISHER, ROBERT L2828 Rumson Drive, Harrisburg
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GIANNELLI, ALBERT L
Good, Richard W
GRAF, CHARLES F
GRONINGER, JAMES E
HAFNER, MARVEL M
HALE, WILLIAM J
HARMON, DONALD L
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HILTNER, JOHN C
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Johns, Arthur
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Cumberland
KEISH, WILLIAM J. ENew Cumberland General Depot, New
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KRAMER, ROBERT E
KRAMER, ARTHUR H
LAMONT, LOUIS C Education Center NCGD, New Cumberland
LANDMAN, RICHARD
Lengel, Stuart HRichfield
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STECKEL, FLORENCE	PD No 2 Hanguer
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WESTFALL, ABIGAIL M. 17 E. Green St., Shiremanstown
WILSON, BEVERLY A. 4523 DEVONSHITE Rd., Harrisburg
WILSON, HELEN H. 120 Balm St., Harrisburg
WINDER, SISTER MARY WILLIAM 900 N. 17th St., Harrisburg
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WRIGHTSTONE, RUTH N. 309 S. YORK St., Mechanicsburg
YELITO, MARY B. 110 Calder St., Harrisburg
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KIEFFER, MARVIN T
KOTHE, WILLIAM C. 412 Riverside Dr., Ellwood City KAUFFMAN, JOHN C. 115 W. Emaus St., Middletown KRAMER, ROBERT E. R.D. No. 2, Schuylkill Haven
KAMERIAN TOWN C. 115 W France St Middletown
Krasen Dones E D. No. 2 Cabustlell Hayen
Wasses, Robert E
KRAUSS, F. NEAL, JR
KREIDER, ROBERT F New St., Millersville
LANTZY, RICHARD A
KREIDER, ROBERT F. New St., Millersville LANTZY, RICHARD A. 11 Hillcrest Ave., Towaco, N. J. LEPPO, FREDERICK M. 108 Philadelphia St., Hanover
LEWIS FRANK (* IR
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LOGAN, JAMES A. 203 Heister Rd., Harrishurg MARKOWITZ, RICHARD P. R.D. No. 1, Royersford
MAZURIK, I. KONALD
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METZGER, PAUL D
MOTTER JERRY L
METZGER PAUL D. 309 S. Church St., Quarryville MOTTER, JERRY L. 304 S. Union St., Middletown MYERS, DENNIS 17 BERSHinger Ave., York NER PAUL S. Flinkelsterm
NEFF, KENNETH E. R.D. No. 1, Peques NEUMANN, RICHARD M. 605 S. Mt. Joy St., Elizabethtown
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Newcomer, Lee E
DEMPER LEVISION D. D. N. 2 Tomostor
Drypp D D 1920 F Weller Ct. Verl
Depart Research F
Peters, Kenneth D. R.D. No. 2, Lancaster Peters, Robert P. 1829 E. Wallace St., York Peterson, Robert H. F. 429 N. Union St., Middletown Price, Donald Vernfield
PRICE, DONALDvernneid
PUMAREJO, OSCAR 719 S. Market St., Elizahethtown REESE, PHILIP E. 539 Coolidge St., New Cumherland
REESE, PHILIP E
REINHARD, TERRY E
RICKETTS, ROSS G
SHAEFFER, GERALD L
SHAEFFER, GERALD L
SHANK, LAVERNE M
SHARPLES, RICHARD E
SHELLEY, PAUL R
SIMMERS, GERALD L
SMITH, GEORGE M
Speicher, James A
STAMBAUGH, JOHN E
STIMAC, THOMAS J
SUNDAY, ERNEST G
THOME, BERNARD A
TURNER, ROBERT900 E. Poplar St., York
TURNER, ROBERT
VOLTZ, KENNETH L
Vulich, Stephen
WAGNER, LOREN L. Main St., Florin WEAVER, CHARLES E., JR
WEAVER, CHARLES E., JR
WEIDMAN, DAVID H
WHITE, JAMES T
WILLIAMS, RICHARD KVine St., Mtd. Rt., Middletown
Williard, James, Jr526 Second St., Highspire
WILLIARD, JAMES, JR
WISE, KOBERT C
WISEHAUPT, HOMER E
WITT, JAMES
YODER, JAMES A
YOST, DAVID A
Zellers. Jon L
ZUCH, SAMUEL G
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Women

Ax, Virginia B. R.D. No. 1, Hershey Barnes, Bertha E. Rutherford Heights Barrett, Clara L. 1918 E. Olney Rd., Norfolk, Va. Barrner, Marian J. 1729 Forty-second St., Pennsauken, N. J. Beck, Clara L. 27 W. Main St., Middletown Bishop, Etta J. 900 E. King St., Lancaster Bover, Penelope R. 433 Girard Ave., York
BRYAN, ROBIN R
BUTERBAUGH, GWEN A
CABLE, VIVIAN R
CLAY, MILLIE M
COOPER, SARAH K
Cosner, Yvonne E
Curtis, Barbara
DAVIS, MYRTLE S1823 N. Second St., Harrishurg

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DUNMIRE, MARTHA R.D. No. 2, McVeytown ECK, BEATRICE H. R.D. No. 2, Elizabethtown EMERICK, RACHAEL M. 1713 Regina St., Harrishurg ESPENSHADE, MARY JEAN 880 N. Market St., Elizabethtown
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FELTON, H. GRACE
FORNEY, EDNA K
Farvage Manager D. T. Charles A. H. Charles A. H. L.
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GEBHARD, EDITH H. R.D. No. 3, Elizabethtown GICHNER, ELOISE A. R.D. No. 1, Sheridan
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LANK, JOAN
LEBER, JEANNE E
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Mallory, Sandra L
Moore, Molly
MUDRINICH, DOROTHY M
Myers, Marialice F
Horton, Virginia A. Jones, Kay. Jones, Kay. 480 N. Spruce St., Elizabethtown Kelley, Sara J. 801 E. Birch St., Palmyra Kennedy, Patricia K. 515 W. Prospect Ave., State College Klein, Mary E. 122 Cregar Rd., High Bridge, N. J. Kohr, Henrietta A. 1047 W. Poplar St., York Kostelac, Margaret A. 392 S. Second St., Stelton Krieg, Doris E. 175-27 Mayfield Rd., Jamaica, N. Y. Lank, Joan 227 N. Washington St., Gettyshurg Leber, Jeanne E. RD. No. 9, York Martin, Ruth H. 229 Lemon St., Elizabethtown Mallory, Sandra L. 405 E. Main St., Troy Moore, Molly Moore, Molly Modrore, Molly Morford, Molty Myers, Martalice F. 8483 Massillon-Akron Rd., N.W., North Canton 20, Ohio Nissly, Ruth M. 336 W. Chestnut St., Lancaster Nott, Elizabeth H. RD. No. 2, Mt. Joy Norford, Sandra L. 142 Sixteenth St., New Cumberland Ober, Helen M. Paules, Gloria N. 713 Hellam St., Wrightsville Quillen, Cecil H. Bishop, Md. Portland, Florence M. 84916 Constitution Ave., Harrisburg Raffensperger, Shirley A. 507 College Ave., Elizabethtown Raffensperger, Shirley A. 508 Fairview St., Pottsville Swingler, Mellanie R.D. No. 2, Columbia Trimmer, Janet M. 18 S. Custer Ave., New Holland Tronser, Deloris M. Grasonville, Md.
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Bush. Terry L	18 Colgate Dr., Camp Hill
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CASE PAIIT. W	355 Louis Lane Engla
CHAPPE OHENTIN D	530 F Dork St Flinghothtown
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COLEGROVE, WILLIAM H. ,	128 East Ave., Ridgway
CRUM, GLENN S	R.D. No. 4, Newport
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Francis Manager M	Mad De Mada St., I illiadelphia
FUNT, MARWOOD N	Mtd. Rt., Mechanicsburg
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GARMAN. TERRY G	23 W. Orange St. Elizabethtown
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Coop Diction W	640 W Chastrut Ct I amazatan
GOOD, RICHARD W.	648 W. Chesthut St., Lancaster
GRIMM, JOHN R	917 S. Spruce St., Elizabethtown
GROFF, C. EUGENE	R.D. No. 2, Ephrata
GROFF, CHARLES O	32 Old Market St., Mt. Tov
GROFF, CLAUDE S	132 Park St Elizabethtown
HAMIT WILLIAM C	S First St McConnellsburg
U. D. P. D. D.	D D Ma 4 Title
TIAKNLY, EDGAK F	. K.D. NO. 4, LITIZ
HARRY, JOHN G	K.D. No. 1, Millerstown
HARTMAN, RICHARD K	2505 S. Fourth St., Steelton
HAYES, PHILLIP W	57 Scott Dr., Bradford
HEDRICK TACK I	59 Baltimore St. Glen Rock
Haranan Danier E	142 W. Camada A. Handa
HEISTAND, DONALD F	142 W. Granada Ave., Hersney
HENDRICKS, KONALD P	22 S. Market St., Elizabethtown
HOCH, HAROLD L	165 S. Fourth St., Steelton
HOFFMAN, PAUL D	627 W. Market St., Williamstown
HOSTETTER FILLS I.	R.D. No. 5 Lebanon
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KAUFFMAN, JOHN	115 W. Emaus St., Middletown
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KING, I HOMAS N	
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	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City
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KRAUSS, F. NEAL, JR	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillerest Ave., Towaco, N. J.
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KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton
Krauss, F. Neal, Jr. Lantzy, Richard A. Markowitz, Richard P. Mazurik, J. Ronald McNaughton, Francis C. Merritt, Richard	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J. R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York
Krauss, F. Neal, Jr. Lantzy, Richard A. Markowitz, Richard P. Mazurik, J. Ronald McNauchton, Francis C. Merritt, Richard Myers, Dennis L.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York
Krauss, F. Neal, Jr. Lantzy, Richard A. Markowitz, Richard P. Mazurik, J. Ronald McNaughton, Francis C. Merritt, Richard Myers, Dennis L. Nace, Robert G.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown
Krauss, F. Neal, Jr. Lantzy, Richard A. Markowitz, Richard P. Mazurik, J. Ronald McNaughton, Francis C. Merritt, Richard Myers, Dennis L. Nace, Robert G. Neff, Kennefh E.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J. R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOFL. FRED F.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. ODERBOLIZER SAMUEL M	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St. Camp Hill
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLIZER, SAMUEL M. PETFES KENNETH D.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2 Larcaster
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KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLTZER, SAMUEL M. PETERS, KENNETH D. PETERS, ROBERT P. PETERSON, ROBERT H. F. REESE, PHILIF E. RHOADS, HERMMN P.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J. R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 539 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown
Krauss, F. Neal, Jr. Lantzy, Richard A. Markowitz, Richard P. Mazurik, J. Ronald McNaughton, Francis C. Merritt, Richard Myers, Dennis L. Nace, Robert G. Neff, Kenneth E. Noel, Fred F. Oberholtzer, Samuel M. Peters, Kenneth D. Peters, Robert P. Peterson, Robert H. F. Reese, Philip E. Rhoads, Herman P. Ricketts Ros G.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 539 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 2551 S. Carbon St., Allentown
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLTZER, SAMUEL M. PETERS, KENNETH D. PETERS, ROBERT P. PETERSON, ROBERT H. F. REESE, PHILIP E. RHOADS, HERMAN P. RICKETTS, ROSS G. SUARSEER CERALD I	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J. R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 339 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 2551 S. Carbon St., Allentown
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KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOBL, FRED F. OBERHOLTZER, SAMUEL M. PETERS, KENNETH D. PETERS, ROBERT P. PETERSON, ROBERT H. F. REESE, PHILIP E. RHOADS, HERMAN P. RICKETTS, ROSS G. SHAEFFER, GERALD L. SHAPPLES, RICHARD E. SHELLEY, PAUL R. SMITH, GEORGE M.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 539 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 803 Martha Ave., Lancaster 8 Ann St., Middletown 157 E. Hummelstown St., Elizabethtown 157 E. Hummelstown St., Elizabethtown 158 E. Highland Ave., York
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KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLIZER, SAMUEL M. PETERS, ROBERT P. PETERS, ROBERT P. PETERSON, ROBERT H. F. RESSE, PHILIP E. RHOADS, HERMAN P. RICKETTS, ROSS G. SHAEFFER, GERALD L. SHARPLES, RICHARD E. SHILL R. SMITH, GEORGE M. SMITH, MILTON E. STAMBAUCH, JOHN E.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 539 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 803 Martha Ave., Lancaster 803 Martha Ave., Lancaster 8 Ann St., Middletown 157 E. Hummelstown St., Elizabethtown 10 S. Highland Ave., York 1707 Melon St., Norfolk, Va 831 College Ave., Elizabethtown
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KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLTZER, SAMUEL M. PETERS, ROBERT P. PETERSON, ROBERT H. F. REESE, PHILIP E. RHOADS, HERMAN P. RICKETTS, ROSS G. SHAEFFER, GERALD L. SHAPPLES, RICHARD E. SHELLEY, PAUL R. SMITH, GEORGE M. SMITH, GEORGE M. SMITH, MILTON E. STEVENSON, BARRY L. STUMAC, THOMAS L.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J. R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 339 Coolidge St., New Cumberland 23 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 2551 S. Carbon St., Allentown 831 Martha Ave., Lancaster 8 Ann St., Middletown 157 E. Hummelstown St., Elizabethtown 10 S. Highland Ave., York 1707 Melon St., Norfolk, Va 831 College Ave., Elizabethtown 1700 E. Main St., Waynesboro 1015 Eighburn Rd. Harshey
KRAUSS, F. NEAL, JR. LANTZY, RICHARD A. MARKOWITZ, RICHARD P. MAZURIK, J. RONALD MCNAUGHTON, FRANCIS C. MERRITT, RICHARD MYERS, DENNIS L. NACE, ROBERT G. NEFF, KENNETH E. NOEL, FRED F. OBERHOLIZER, SAMUEL M. PETERS, ROBERT P. PETERSON, ROBERT H. F. RESSE, PHILIP E. RHOADS, HERMAN P. RICKETTS, ROSS G. SHAEFFER, GERALD L. SHARPLES, RICHARD E. SHILL, PAUL R. SMITH, GEORGE M. SMITH, MILTON E. STAMBAUCH, JOHN E. STEVENSON, BARRY L. STIMAC, THOMAS L. SUNDAY, ERNEST G.	1907 Manada St., Harrisburg 412 Riverside Dr., Ellwood City 1345 Hill St., York 11 Hillcrest Ave., Towaco, N. J R.D. No. 1, Royersford 224 W. Main St., Hummelstown 307 Highland St., Steelton R.D. No. 6, York 17 Barshinger Ave., York 122 S. Market St., Elizabethtown R.D. No. 1, Pequea R.D. No. 8, York 121 S. 15th St., Camp Hill R.D. No. 2, Lancaster 1829 Wallace St., York 429 N. Union St., Middletown 539 Coolidge St., New Cumberland 33 S. Hanover St., Hummelstown 2551 S. Carbon St., Allentown 2551 S. Carbon St., Allentown 803 Martha Ave., Lancaster 8 Ann St., Middletown 157 E. Hummelstown St., Elizabethtown 10 S. Highland Ave., York 1007 Melon St., Norfolk, Va 831 College Ave., Elizabethtown 1010 Plane St., Middletown 1010 Fishburn Rd., Hershey
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Wyles, Mona J.	Saxton
YEAGER, ETHEL H.	.22 N. Fourth St., Halifax

Workshop in Religious Drama

June 8-13, 1958

Men

		N. Barbara St., Mt. Joy
ELLSWORTH, WILLIAM	A	N. River St., Maytown
HORN, ANDREW N., JI	R	Greystone Rd., York

Women

BOLLINGER, RACHEL M
Fulk, Mrs. Fred
HERR, ARBA O
KLINE, LORETTA LR.D. No. 1, Hanover
NORRIS, LOIS D410 Fulton St., Hanover
RITZMAN, VESTA M
SELLERS, SYLVIA BSilver Spring
Snowden, A. Lucille
Weller, Kathleen D

Workshop in Special Education

July 14-26, 1958

Men

Women

BECK, CLARA L	₩n
Warfield, S. Isabella	
Weller, Kathleen D	
_	

Summary

Number of Students, 1958-59

	Men	Women	Total
Seniors	89	36	125
Juniors	80	43	123
Sophomores	86	87	173
Freshmen	113	99	212
Part-Time	17	38	212 55
Harrisburg Area College Center	99	145	244
Summer Session I	122	75	197
Summer Session II	99	56	155
Workshop in Religious Drama	3	9	12
Workshop in Special Education	2	34	36
Total	710	622	1.332
Names repeated	201	150	351
Grand Total	509	472	981

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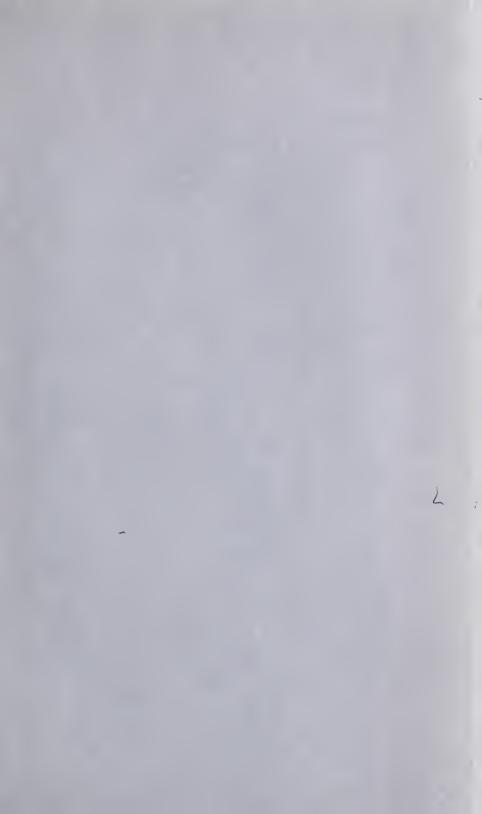
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